Environment Canada | Environnement Canada

Surface Water Data
British Columbia

Données sur les eaux de surface
Colombie-Britannique

1981

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1982

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1981 calendar year, the results of the hydrometric survey investigations which were made in British Columbia by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 W. Pender Street,
Vancouver, British Columbia.
V6E 2M9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1981, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Colombie-Britannique.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502–1001, rue Pender ouest
Vancouver (Colombie-Britannique)
V6E 2M9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1981, the hydrometric surveys in British Columbia were conducted by the Water Survey of Canada under agreement with the Province of British Columbia. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1981, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Colombie-Britannique en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

In British Columbia, stream-measurement work was commenced in 1911 by the Railway Belt Hydrographic Survey of the Department of the Interior, primarily for irrigation-supply purposes under grants administered by the federal government. In 1913, administration of these grants passed to the control of the Province, but, by agreement with the Water Rights Branch, the hydrometric survey was continued by the Dominion Water Power Branch and extended to include the remainder of the Province.

Although the agreement signed in 1913 was terminated March 31, 1933, work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of British Columbia on March 14, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO—OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Provincial – British Columbia Hydro and Power Authority;
Ministry of Environment.

Private – Aluminum Company of Canada Limited;
West Kootenay Power and Light Company Limited.

C'est en 1911 que le *Railway Belt Hydrographic Survey* du ministère de l'Intérieur a entrepris, à des fins d'irrigation et d'approvisionnement en eau et grâce aux subventions administrées par le gouvernement fédéral, les premiers relevés dans cette province. En 1913, l'administration des subventions est devenue la responsabilité des autorités provinciales, mais, par un accord conclu avec la Direction des permis d'utilisation des eaux, la Direction fédérale de l'énergie hydraulique a assumé la responsabilité des observations hydrométriques et le champ des relevés s'est élargi pour englober toute la Colombie-Britannique.

L'accord de 1913 a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 14 mars 1975, le gouvernement de la Colombie-Britannique a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau provincial – Hydro-Colombie-Britannique,
Ministère de l'Environnement.

Secteur privé – Aluminium du Canada Limitée,
West Kootenay Power and Light Company Limited.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classés dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948-1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans une seule tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given:

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) - Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

METRIC CONVERSION

In January 1980, all discharge, water level and sediment data on magnetic tape in the Water Survey of Canada data banks were converted to the International System of Units (SI). All requests for data and publications are now supplied in metric units only. The first documents to be published under the system were the Surface Water Data Reference Index (1979), Surface Water Data Series (1979), Historical Streamflow and Water Levels Summaries (to 1979), Sediment Data for Canadian Rivers (1978), Sediment Data Reference Index (1978), and Historical Sediment Data Summary (to 1978).

Daily discharge and water level data for years prior to 1979 and daily sediment data prior to 1978 in metric units are available on magnetic tape, but not in published form.

MICROFICHE

The historical daily discharge, water level and sediment data which were converted to metric units in January 1980 are also available to users on microfiche cards, upon request. The data are stored in station number order by Region in 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montreal and Halifax) and therefore data for a particular province may include fiche from two or more Regions. There are 270 frames or printouts per microfiche at 48X reduction; there is also a visible heading showing the fiche number, type of data, Region, the beginning and ending station number and year of data and the month/year that the fiche was created; the last frame is an index of the contents of that fiche.

Daily discharge and water level data for 1979 and subsequent years, and daily sediment data for 1978 and subsequent years are available annually on microfiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

CONVERSION AU SYSTÈME MÉTRIQUE

En janvier 1980, toutes les données de l'écoulement, des niveaux d'eau et des sédiments stockées sur ruban magnétique dans les banques de données de la Division des relevés hydrologiques du Canada ont été converties au Système international d'unités (SI). Toutes les demandes de données et de publications sont maintenant remplies selon les unités métriques seulement. Les premiers documents à être publiés selon le système métrique ont été l'*Index de référence des données sur les eaux de surface (1979)*, la série des *Données sur les eaux de surface (1979)*, les *Sommaires chronologiques de l'écoulement et des niveaux d'eau (jusqu'à 1979)*, les *Données sur les sédiments des rivières canadiennes (1978)*, l'*Index de référence des données sur les sédiments (1978)* et le *Sommaire chronologique des données sur les sédiments (jusqu'à 1978)*.

Les données du débit quotidien et des niveaux d'eau pour les années antérieures à 1979 et les données quotidiennes des sédiments avant 1978 en unités métriques sont disponibles sur ruban magnétique, mais ne sont pas publiées.

MICROFICHE

En janvier 1980, les données chronologiques concernant les débits quotidiens, les niveaux d'eau et les sédiments ont été converties en unités métriques. Elles sont également disponibles sur microfiche aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région en 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montréal ou Halifax). Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette, et le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

Les données sur les débits quotidiens et les niveaux d'eau recueillies à partir de 1979 ainsi que les données quotidiennes sur les sédiments dès 1978 sont disponibles sur microfiche chaque année.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE NEAR SQUILAX - STATION NO. 08LD003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.874	1.820	1.758	1.839	2.273	3.952	3.505	3.321	2.707	2.319	2.234	2.100	1
2	1.873	1.812	1.760	1.849	2.346	3.979	3.504	3.304	2.715	2.329	2.256	2.092	2
3	1.879	1.808	1.767	1.867	2.409	3.978	3.504	3.288	2.740	2.366	2.266	2.078	3
4	1.871	1.809	1.780	1.879	2.444	3.986	3.509	3.265	2.744	2.392	2.277	2.063	4
5	1.865	1.802	1.784	1.875	2.491	3.991	3.524	3.237	2.741	2.392	2.285	2.045	5
6	1.868	1.798	1.781	1.884	2.527	3.985	3.514	3.215	2.739	2.392	2.288	2.034	6
7	1.861	1.793	1.775	1.898	2.555	3.983	3.521	3.195	2.730	2.405	2.285	2.028	7
8	1.861	1.787	1.766	1.900	2.570	3.963	3.509	3.169	2.718	2.417	2.281	2.015	8
9	1.876	1.776	1.766	1.905	2.599	3.929	3.491	3.146	2.704	2.431	2.272	2.004	9
10	1.868	1.764	1.761	1.910	2.633	3.885	3.453	3.126	2.695	2.443	2.259	1.998	10
11	1.859	1.754	1.759	1.914	2.672	3.837	3.418	3.104	2.687	2.443	2.247	1.990	11
12	1.851	1.746	1.759	1.915	2.704	3.798	3.392	3.085	2.667	2.440	2.249	1.977	12
13	1.843	1.734	1.762	1.912	2.727	3.740	3.367	3.071	2.646	2.429	2.246	1.966	13
14	1.837	1.736	1.764	1.912	2.770	3.695	3.340	3.039	2.620	2.409	2.238	1.955	14
15	1.826	1.733	1.765	1.906	2.803	3.659	3.339	3.018	2.592	2.406	2.233	1.945	15
16	1.816	1.732	1.764	1.899	2.853	3.637	3.343	3.002	2.574	2.399	2.231	1.935	16
17	1.809	1.732	1.774	1.907	2.902	3.627	3.333	2.983	2.564	2.383	2.226	1.925	17
18	1.796	1.734	1.776	1.907	2.963	3.607	3.322	2.958	2.536	2.362	2.224	1.915	18
19	1.791	1.730	1.776	1.904	3.026	3.596	3.319	2.929	2.531	2.345	2.217	1.909	19
20	1.784	1.736	1.779	1.905	3.095	3.575	3.318	2.913	2.518	2.340	2.207	1.894	20
21	1.767	1.741	1.778	1.917	3.175	3.573	3.332	2.919	2.506	2.316	2.202	1.882	21
22	1.773	1.743	1.780	1.931	3.266	3.563	3.348	2.904	2.487	2.301	2.192	1.862	22
23	1.783	1.747	1.782	1.955	3.367	3.566	3.353	2.879	2.473	2.286	2.188	1.853	23
24	1.780	1.752	1.788	2.001	3.474	3.565	3.364	2.858	2.461	2.274	2.180	1.848	24
25	1.782	1.753	1.796	2.051	3.582	3.557	3.372	2.829	2.445	2.259	2.163	1.840	25
26	1.797	1.758	1.797	2.105	3.690	3.557	3.365	2.799	2.423	2.250	2.160	1.830	26
27	1.805	1.757	1.799	2.143	3.787	3.550	3.359	2.786	2.395	2.235	2.144	1.821	27
28	1.807	1.759	1.798	2.174	3.833	3.538	3.345	2.774	2.376	2.226	2.127	1.809	28
29	1.811		1.805	2.204	3.843	3.515	3.332	2.757	2.358	2.226	2.116	1.797	29
30	1.815		1.815	2.235	3.847	3.502	3.321	2.744	2.338	2.230	2.103	1.791	30
31	1.818		1.829		3.893		3.325	2.724		2.226		1.786	31
MEAN	1.827	1.762	1.779	1.953	3.004	3.730	3.398	3.011	2.581	2.344	2.220	1.935	MEAN
MAX	1.879	1.820	1.829	2.235	3.893	3.991	3.524	3.321	2.744	2.443	2.288	2.100	MAX
MIN	1.767	1.730	1.758	1.839	2.273	3.502	3.318	2.724	2.338	2.226	2.103	1.786	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.466
MAXIMUM DAILY, 3.991 ON JUN 5
MINIMUM DAILY, 1.730 ON FEB 19
MAXIMUM INSTANTANEOUS,
4.036 AT 23:20 PST ON JUN 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 14 N
LONG 119 40 25 W

NATURAL FLOW

ADAMS RIVER NEAR SQUILAX - STATION NO. 08LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.7	36.8	33.7	37.8	64.3	245	181	156	94.5	67.3	61.7	53.0	1
2	39.6	36.4	33.8	38.3	69.0	249	180	154	95.1	68.0	63.1	52.5	2
3	39.9	36.2	34.1	39.2	73.1	249	180	152	96.9	70.4	63.8	51.6	3
4	39.5	36.3	34.8	39.9	75.4	250	181	149	97.2	72.0	64.6	50.6	4
5	39.1	35.9	34.9	39.7	78.5	251	183	146	96.9	72.1	65.1	49.4	5
6	39.3	35.7	34.8	40.2	81.0	250	183	143	96.8	72.0	65.3	48.8	6
7	38.9	35.4	34.5	40.9	83.2	250	183	141	96.1	72.9	65.1	48.3	7
8	38.9	35.1	34.1	41.0	84.3	247	181	138	95.3	73.7	64.8	47.5	8
9	39.7	34.6	34.0	41.4	86.4	242	179	135	94.3	74.6	64.2	46.9	9
10	39.3	34.0	33.8	41.6	89.0	235	173	133	93.6	75.4	63.3	46.5	10
11	38.8	33.4	33.7	41.9	91.8	228	168	131	93.0	75.4	62.6	46.1	11
12	38.4	33.0	33.7	41.9	94.3	222	165	129	91.5	75.1	62.7	45.3	12
13	38.0	32.4	33.8	41.7	96.0	214	162	127	90.0	74.5	62.5	44.7	13
14	37.7	32.5	33.9	41.8	99.4	207	158	124	88.0	73.1	62.0	44.1	14
15	37.1	32.4	34.0	41.4	102	202	158	122	85.9	72.9	61.7	43.6	15
16	36.6	32.3	33.9	41.0	106	199	159	120	84.6	72.5	61.5	43.0	16
17	36.2	32.3	34.5	41.5	111	198	158	118	83.8	71.4	61.2	42.4	17
18	35.6	32.4	34.6	41.5	117	195	156	116	81.8	70.1	61.1	41.9	18
19	35.3	32.2	34.6	41.3	123	193	156	113	81.4	68.9	60.6	41.6	19
20	35.0	32.5	34.7	41.4	130	190	156	112	80.4	68.6	60.0	40.8	20
21	34.1	32.8	34.7	42.0	139	190	157	113	79.5	67.1	59.6	40.1	21
22	34.4	32.9	34.8	42.8	149	189	159	111	78.2	66.1	59.0	39.0	22
23	34.9	33.1	34.8	44.1	162	189	160	109	77.3	65.1	58.8	38.5	23
24	34.8	33.3	35.2	46.7	176	189	161	107	76.5	64.4	58.2	38.2	24
25	34.9	33.4	35.6	49.8	191	188	162	104	75.5	63.4	57.2	37.8	25
26	35.6	33.6	35.6	53.4	206	188	162	102	74.1	62.8	57.0	37.3	26
27	36.0	33.6	35.7	55.8	221	187	161	101	72.3	61.8	55.9	36.9	27
28	36.2	33.7	35.7	57.8	227	185	159	99.7	71.0	61.2	54.8	36.3	28
29	36.4		36.1	59.8	229	182	157	98.3	69.8	61.2	54.1	35.6	29
30	36.6		36.5	61.8	229	180	156	97.3	68.5	61.5	53.2	35.3	30
31	36.7		37.2		236		157	95.7		61.2		35.0	31
TOTAL	1 153.2	948.2	1 075.8	1 329.4	4 019.7	6 383	5 151	3 797.0	2 559.8	2 136.7	1 824.7	1 338.6	TOTAL
MEAN	37.2	33.9	34.7	44.3	130	213	166	122	85.3	68.9	60.8	43.2	MEAN
MAX	39.9	36.8	37.2	61.8	236	251	183	156	97.2	75.4	65.3	53.0	MAX
MIN	34.1	32.2	33.7	37.8	64.3	180	156	95.7	68.5	61.2	53.2	35.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.9
MAXIMUM DAILY, 251 ON JUN 5
MINIMUM DAILY, 32.2 ON FEB 19
MAXIMUM INSTANTANEOUS,
258 AT 23:20 PST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 42 N
LONG 119 39 25 W
DRAINAGE AREA, 3 080 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	99 600	JUL	445 000
FEB	81 900	AUG	328 000
MAR	92 900	SEP	221 000
APR	115 000	OCT	185 000
MAY	347 000	NOV	158 000
JUN	551 000	DEC	116 000

TOTAL DISCHARGE, 2 740 000 dam³

AKIE RIVER NEAR THE 760 m CONTOUR - STATION NO. 07EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.30B	5.65B	4.30B	3.85B	6.30B	212	94.0	55.9	117	22.8E	15.9 E	9.50B	1
2	9.10B	5.60B	4.30B	3.85B	8.00B	196	106	54.1	104	24.0E	15.1 E	9.50B	2
3	8.70B	5.55B	4.30B	3.85B	9.60B	152	112	49.6	83.1	27.0E	14.9 E	9.50B	3
4	8.40B	5.45B	4.30B	3.85B	11.5 B	137	90.8	46.0	70.4	23.9E	15.7 E	9.50B	4
5	8.00B	5.35B	4.30B	3.85B	14.4	117	76.4	44.0A	61.4	22.9E	16.4 E	9.50B	5
6	7.80B	5.25B	4.25B	3.85B	17.0	107	67.9	44.4	59.6	22.3E	16.3 E	9.50B	6
7	7.55B	5.15B	4.20B	3.85B	21.3	97.2	62.2	45.4	64.7	21.7E	15.6 E	9.50B	7
8	7.45B	5.05B	4.15B	3.85B	26.4	83.5	56.3	45.3	66.4	21.2E	13.9 B	9.50B	8
9	7.25B	5.00B	4.10B	3.82B	29.6	77.0	49.9	46.5	64.0	20.8E	13.6 B	9.40B	9
10	7.10B	4.90B	4.05B	3.80B	31.2	75.7	49.4	46.4	58.8	20.3E	13.6 B	9.30B	10
11	7.05B	4.80B	4.05B	3.80B	30.9	78.9	63.5	43.7	49.9	19.9E	13.7 B	9.20B	11
12	7.00B	4.70B	4.05B	3.78B	33.5	84.8	83.1	42.3	43.0	19.4E	13.8 B	9.00B	12
13	6.90B	4.60B	4.05B	3.80B	39.6	86.5	97.1	37.0	38.5	18.9E	13.3 B	8.80B	13
14	6.80B	4.55B	4.05B	3.80B	46.5	90.5	102	34.4	36.9	18.6E	12.7 B	8.70B	14
15	6.70B	4.50B	4.05B	3.82B	54.0	89.1	84.3	34.5	34.5	18.9E	12.1 B	8.60B	15
16	6.55B	4.45B	4.05B	3.82B	60.5	85.8	80.9	32.5	33.6	20.0E	11.5 B	8.50B	16
17	6.50B	4.40B	4.05B	3.82B	70.9	74.4	87.1	31.7	34.9	22.8E	11.2 B	8.40B	17
18	6.45B	4.40B	4.05B	3.83B	84.4	68.1	91.1	30.1	37.7	22.7E	10.9 B	8.40B	18
19	6.40B	4.40B	4.05B	3.84B	101	70.3	91.5	30.6	37.0	22.1E	10.8 B	8.40B	19
20	6.34B	4.40B	4.00B	3.85B	115	75.1	100	31.6	31.6	21.0E	10.7 B	8.30B	20
21	6.25B	4.40B	4.00B	3.87B	130	79.0	108	29.3	28.8	20.3E	10.6 B	8.30B	21
22	6.20B	4.40B	4.00B	3.89B	174	82.5	104	28.1	27.4	19.8E	10.5 B	8.30B	22
23	6.15B	4.40B	4.00B	3.92B	190	82.2	85.7	27.8	26.7	19.8E	10.4 B	8.20B	23
24	6.10B	4.40B	3.95B	3.96B	174	96.6	75.4	29.4	26.2	19.9E	10.1 B	8.20B	24
25	6.05B	4.35B	3.90B	4.02B	183	110	71.8	36.4	25.2	20.0E	10.0 B	8.10B	25
26	6.00B	4.30B	3.90B	4.08B	265	104	68.1	47.6	24.4	20.1E	9.90B	8.00B	26
27	5.95B	4.30B	3.90B	4.20B	286	96.5	67.3	63.3	23.8E	19.7E	9.80B	7.90B	27
28	5.90B	4.30B	3.85B	4.40B	206	90.1	60.9	144	23.1E	19.2E	9.70B	7.85B	28
29	5.85B		3.85B	4.65B	210	90.1	56.7	103	22.7E	18.8E	9.60B	7.80B	29
30	5.80B		3.85B	5.20B	227	101	54.6	87.0	22.5E	17.9E	9.50B	7.70B	30
31	5.75B		3.85B		233		55.6	103		17.1E		7.65B	31
TOTAL	213.34	133.00	125.75	118.77	3 089.60	2 989.9	2 453.6	1 525.3	1 377.8	643.8	371.80	269.00	TOTAL
MEAN	6.88	4.75	4.06	3.96	99.7	99.7	79.1	49.2	45.9	20.8	12.4	8.68	MEAN
MAX	9.30	5.65	4.30	5.20	286	212	112	144	117	27.0	16.4	9.50	MAX
MIN	5.75	4.30	3.85	3.78	6.30	68.1	49.4	27.8	22.5	17.1	9.50	7.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.5
MAXIMUM DAILY, 286 ON MAY 27
MINIMUM DAILY, 3.78B ON APR 12
MAXIMUM INSTANTANEOUS,
320 AT 08:30 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 28 N
LONG 124 53 56 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 400	JUL	212 000
FEB	11 500	AUG	132 000
MAR	10 900	SEP	119 000
APR	10 300	OCT	55 600
MAY	267 000	NOV	32 100
JUN	258 000	DEC	23 200

TOTAL DISCHARGE, 1 150 000 dam³

ALBERT RIVER AT 1310 m CONTOUR - STATION NO. 08NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.306	0.176	0.096	0.096	1.62	7.97	10.6	4.06	1.20	0.368	0.322	0.181	1
2	0.311	0.170	0.091	0.091	2.60	7.96	8.43	3.75	1.34	0.482	0.318	0.171	2
3	0.317	0.170	0.088	0.093	1.94	9.56	8.72	3.77	1.15	0.495	0.302	0.165	3
4	0.317	0.167	0.091	0.091	1.68	8.18	11.0	3.90	1.12	0.484	0.302	0.162	4
5	0.314	0.164	0.091	0.091	1.63	7.14	10.8	3.40	1.13	0.487	0.302	0.162	5
6	0.323	0.156	0.088	0.091	1.51	7.41	9.73	3.28	1.04	0.486	0.294	0.161	6
7	0.314	0.159	0.085	0.085	1.46	7.13	8.81	3.42	0.970	0.484	0.296	0.152	7
8	0.309	0.153	0.085	0.085	1.40	6.20	6.66	3.60	0.945	0.504	0.297	0.150	8
9	0.300	0.150	0.082	0.085	1.42	5.27	5.49	3.20	0.908	0.519	0.288	0.156A	9
10	0.297	0.150	0.079	0.085	1.47	4.78	4.73	2.94	0.902	0.507	0.278	0.150A	10
11	0.289	0.150	0.082	0.082	1.53	4.49	4.48	2.83	0.858	0.501	0.277	0.150A	11
12	0.269	0.153	0.082	0.079	1.53	4.24	4.76	2.69	0.819	0.480	0.257	0.144A	12
13	0.255	0.139	0.079	0.079	1.57	4.34	5.67	2.61	0.799	0.459	0.256	0.142A	13
14	0.261	0.113	0.079	0.076	1.82	4.61	7.14	2.42	0.759	0.454	0.255	0.139E	14
15	0.255	0.113	0.079	0.076	2.38	5.02	6.77	2.33	0.748	0.450	0.248	0.136E	15
16	0.238	0.116	0.079	0.079	2.48	5.71	6.98	2.18	0.523	0.449	0.249	0.133E	16
17	0.218	0.116	0.082	0.085	2.44	5.59	6.79	2.11	0.315	0.443	0.239	0.133E	17
18	0.221	0.113	0.082	0.085	3.14	4.91	6.92	1.94	0.312	0.438	0.232	0.130E	18
19	0.227	0.113	0.082	0.091	5.07	4.33	6.97	1.87	0.315	0.436	0.232	0.127E	19
20	0.227	0.110	0.085	0.105	6.68	3.97	6.70	1.78	0.331	0.437	0.229	0.125E	20
21	0.224	0.108	0.085	0.116	9.23	3.76	6.55	1.65	0.343	0.412	0.223	0.122E	21
22	0.204	0.108	0.085	0.136	10.7	3.53	6.33	1.52	0.357	0.408	0.219	0.122E	22
23	0.201	0.105	0.085	0.156	11.7	3.45	5.75	1.44	0.366	0.397	0.217	0.119E	23
24	0.195	0.105	0.085	0.229	12.8	3.29	5.22	1.38	0.356	0.379	0.214	0.116E	24
25	0.193	0.102	0.088	0.362	13.5	3.74	5.28	1.36	0.361	0.373	0.209	0.113E	25
26	0.187	0.102	0.088	0.382	16.8	5.47	4.81	1.41	0.356	0.371	0.198	0.113E	26
27	0.187	0.102	0.091	0.402	13.5	6.30	4.68	1.34	0.356	0.357	0.194	0.110E	27
28	0.190	0.099	0.093	0.442	9.86	5.55	4.78	1.22	0.367	0.349	0.186	0.108E	28
29	0.193		0.093	0.459	8.23	5.27	5.79	1.15	0.369	0.338	0.183	0.108E	29
30	0.190		0.096	0.470	8.44	7.35	5.02	1.17	0.370	0.328	0.180	0.105E	30
31	0.178		0.093		9.04		4.38	1.12		0.327		0.102E	31
TOTAL	7.710	3.682	2.669	4.884	169.17	166.52	206.74	72.84	20.085	13.402	7.496	4.207	TOTAL
MEAN	0.249	0.132	0.086	0.163	5.46	5.55	6.67	2.35	0.670	0.432	0.250	0.136	MEAN
MAX	0.323	0.176	0.096	0.470	16.8	9.56	11.0	4.06	1.34	0.519	0.322	0.181	MAX
MIN	0.178	0.099	0.079	0.076	1.40	3.29	4.38	1.12	0.312	0.327	0.180	0.102	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.86
MAXIMUM DAILY, 16.8 ON MAY 26
MINIMUM DAILY, 0.076 ON APR 14
MAXIMUM INSTANTANEOUS,
18.3 AT 23:30 MST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 35 N
LONG 115 31 48 W
DRAINAGE AREA, 69.7 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	666	JUL	17 900
FEB	318	AUG	6 290
MAR	231	SEP	1 740
APR	422	OCT	1 160
MAY	14 600	NOV	648
JUN	14 400	DEC	363

TOTAL DISCHARGE, 58 700 dam³

ALLISON CREEK ABOVE SUMMERS CREEK - STATION NO. 08NL056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.306	0.300	0.856	0.825	0.825	0.555	0.426	---	---	---	1
2	---	---	---	0.304	0.906	0.812	0.806	0.545	0.426	---	---	---	2
3	---	---	---	0.317	0.951	0.806	0.782	0.530	0.421	---	---	---	3
4	---	---	---	0.324	0.906	0.800	0.769	0.520	0.416	---	---	---	4
5	---	---	---	0.324	0.893	0.788	0.769	0.520	0.416	---	---	---	5
6	---	---	---	0.332	0.856	0.788	0.763	0.520	0.416	---	---	---	6
7	---	---	---	0.332	0.831	0.794	0.751	0.525	0.412	---	---	---	7
8	---	---	---	0.332	0.874	0.831	0.757	0.525	0.412	0.392	---	---	8
9	---	---	---	0.336	0.806	0.843	0.745	0.525	0.412	---	---	---	9
10	---	---	---	0.336	0.806	0.862	0.726	0.505	0.412	---	---	---	10
11	---	---	---	0.339	0.800	0.899	0.732	0.490	0.412	---	---	---	11
12	---	---	---	0.339	0.794	0.936	0.720	0.481	0.407	---	---	---	12
13	---	---	---	0.359	0.800	1.01	0.707	0.476	0.403	---	---	---	13
14	0.244	---	---	0.359	0.800	1.02	0.695	0.472	0.398	---	---	---	14
15	---	---	---	0.359	0.806	1.03	0.670	0.462	0.394	---	---	---	15
16	---	---	---	0.367	0.806	1.04	0.658	0.462	0.390	---	---	---	16
17	---	---	---	0.371	0.819	1.05	0.652	0.458	0.386	---	---	---	17
18	---	---	---	0.378	0.850	1.06	0.646	0.458	0.371	---	---	---	18
19	---	---	---	0.390	0.868	1.08	0.633	0.458	0.363	---	---	---	19
20	---	---	---	0.390	0.874	1.10	0.621	0.453	0.363	---	---	---	20
21	---	---	---	0.398	0.921	1.08	0.615	0.453	0.367	---	---	---	21
22	---	---	---	0.403	0.958	1.06	0.602	0.449	0.367	---	---	---	22
23	---	---	---	0.412	0.951	1.05	0.602	0.449	0.367	---	---	---	23
24	---	---	---	0.453	0.981	1.03	0.596	0.449	0.371	---	---	---	24
25	---	---	---	0.535	0.951	0.995	0.596	0.444	0.375	---	---	---	25
26	---	---	---	0.565	0.914	0.966	0.590	0.444	0.390	---	---	---	26
27	---	---	---	0.633	0.893	0.906	0.590	0.444	0.378	---	---	---	27
28	---	---	---	0.658	0.880	0.843	0.590	0.439	0.378	---	---	---	28
29	---		---	0.745	0.874	0.831	0.585	0.439	0.375	---	---	---	29
30	---		---	0.769	0.850	0.819	0.585	0.435	0.375	---	---	---	30
31	---		---		0.831		0.585	0.430		---		---	31
TOTAL	---	---	---	12.455	26.906	27.954	20.963	14.815	11.799	---	---	---	TOTAL
MEAN	---	---	---	0.415	0.868	0.932	0.676	0.478	0.393	---	---	---	MEAN
MAX	---	---	---	0.769	0.981	1.10	0.825	0.555	0.426	---	---	---	MAX
MIN	---	---	---	0.300	0.794	0.788	0.585	0.430	0.363	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.10 ON JUN 20

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 32 09 N
LONG 120 31 05 W
DRAINAGE AREA, 207 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 810
FEB	---	AUG	1 280
MAR	---	SEP	1 020
APR	1 080	OCT	---
MAY	2 320	NOV	---
JUN	2 420	DEC	---

ALLISON CREEK AT OUTLET OF ALLISON LAKE - STATION NO. 08NL057

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0.756	0.311	0.071E	0	---	---	---	1
2	---	---	---	0	0	0.731	0.275	0.071	0	---	---	---	2
3	---	---	---	0	0	0.719	0.258	0.071E	0	---	---	---	3
4	---	---	---	0	0	0.674	0.227	0.071	0	---	---	---	4
5	---	---	---	0	0	0.663	0.212	0.065E	0	---	---	---	5
6	---	---	---	0	0	0.651	0.190	0.059E	0	---	---	---	6
7	---	---	---	0	0	0.606	0.170	0.054E	0	---	---	---	7
8	---	---	---	0	0	0.583	0.142	0.048	0	---	---	---	8
9	---	---	---	0	0	0.583	0.190	0.048E	0	---	---	---	9
10	---	---	---	0	0	0.583	0.235	0.048	0	---	---	---	10
11	---	---	---	0	0	0.595	0.258	0.045E	0	---	---	---	11
12	---	---	---	0	0	0.606	0.283	0.045E	0	---	---	---	12
13	---	---	---	0	0	0.640	0.294	0.042	0	---	---	---	13
14	---	---	---	0	0	0.674	0.266	0.042E	0	---	---	---	14
15	---	---	---	0	0	0.697	0.266	0.042	0	---	---	---	15
16	---	---	---	0	0	0.651	0.258	0.028E	0	---	---	---	16
17	---	---	---	0	0.133	0.617	0.258	0.016	0	---	---	---	17
18	---	---	---	0	0.232	0.606	0.249	0.009E	0	---	---	---	18
19	---	---	---	0	0.354	0.583	0.241	0.002	0	---	---	---	19
20	---	---	---	0	0.464	0.561	0.249	0.002E	0	---	---	---	20
21	---	---	---	0	0.674	0.527	0.249	0.001	0	---	---	---	21
22	---	---	---	0	0.779	0.487	0.235	0.001E	0	---	---	---	22
23	---	---	---	0	0.864	0.456	0.227	0.001E	0	---	---	---	23
24	---	---	---	0	0.915	0.422	0.212	0.001	0	---	---	---	24
25	---	---	---	0	0.966	0.394	0.212	0 E	0	---	---	---	25
26	---	---	---	0	1.04	0.394	0.204	0 E	0	---	---	---	26
27	---	---	---	0	1.02	0.374	0.198	0	0	---	---	---	27
28	---	---	---	0	0.966	0.345	0.170	0	0	---	---	---	28
29	---		---	0	0.903	0.337	0.119	0	0	---	---	---	29
30	---		---	0	0.838	0.337	0.076	0	0	---	---	---	30
31	---		---		0.790		0.071	0		---		---	31
TOTAL	---	---	---	0	10.938	16.852	6.805	0.883	0	---	---	---	TOTAL
MEAN	---	---	---	0	0.353	0.562	0.220	0.028	0	---	---	---	MEAN
MAX	---	---	---	0	1.04	0.756	0.311	0.071	0	---	---	---	MAX
MIN	---	---	---	0	0	0.337	0.071	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.04 ON MAY 26
MINIMUM DAILY, 0 ON APR 1

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 40 52 N
LONG 120 36 18 W
DRAINAGE AREA, 76.1 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	588
FEB	---	AUG	76.3
MAR	---	SEP	0
APR	0	OCT	---
MAY	945	NOV	---
JUN	1 460	DEC	---

ALLISON CREEK NEAR PRINCETON - STATION NO. 08NL012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.668	3.00	4.67	2.62	2.32	0.963	---	---	---	1
2	---	---	---	0.691	3.59	4.19	2.53	2.28	0.906	---	---	---	2
3	---	---	---	0.691	3.70	3.86	2.36	2.28	0.906	---	---	---	3
4	---	---	---	0.714	3.27	3.49	2.36	2.32	0.878	---	---	---	4
5	---	---	---	0.691	2.92	3.00	2.28	2.19	0.827	---	---	---	5
6	---	---	---	0.714	2.53	3.00	2.07	2.19	0.827	---	---	---	6
7	---	---	---	0.714	2.62	2.92	2.24	1.90	0.804	---	---	---	7
8	---	---	---	0.714	2.53	2.96	2.19	1.85	0.804	---	---	---	8
9	---	---	---	0.714	2.58	2.96	2.19	1.78	0.827	---	---	---	9
10	---	---	---	0.714	2.49	3.04	2.45	1.59	0.827	---	---	---	10
11	---	---	---	0.668	2.75	3.04	2.49	1.52	0.804	---	---	---	11
12	---	---	---	0.691	2.92	3.13	2.53	1.48	0.827	---	---	---	12
13	---	---	---	0.691	2.92	3.13	2.62	1.52	0.827	---	---	---	13
14	---	---	---	0.691	3.13	3.04	2.53	1.52	0.804	---	---	---	14
15	---	---	---	0.714	4.19	3.22	2.53	1.48	0.804	---	---	---	15
16	---	---	---	0.714	4.40	3.45	2.49	1.38	0.736	---	---	---	16
17	---	---	---	0.691	4.79	4.45	3.70	1.38	0.736	---	---	---	17
18	---	---	---	0.714	4.56	4.45	3.92	1.23	0.736	---	---	---	18
19	---	---	---	0.759	4.40	4.56	3.59	1.23	0.759	---	---	---	19
20	---	---	---	0.827	5.13	4.24	3.31	1.19	0.759	---	---	---	20
21	---	---	---	0.934	5.98	3.92	3.00	1.16	0.782	---	---	---	21
22	---	---	---	0.991	6.68	3.70	2.96	1.16	0.759	---	---	---	22
23	---	---	---	1.19	6.18	3.36	3.09	1.16	0.759	---	---	---	23
24	---	---	---	1.59	6.68	3.13	3.45	1.05	0.736	---	---	---	24
25	---	---	---	1.85	7.12	2.96	3.86	1.05	0.782	---	---	---	25
26	---	---	---	1.81	5.48	2.96	3.86	1.02	0.759	---	---	---	26
27	---	---	---	1.81	5.13	2.87	3.92	1.02	0.782	---	---	---	27
28	---	---	---	1.78	5.07	2.92	3.09	0.963	0.782	---	---	---	28
29	---		---	2.11	4.96	2.92	2.62	0.963	0.759	---	---	---	29
30	---		---	2.32	5.01	2.96	2.62	0.934	0.759	---	---	---	30
31	---		---		4.96		2.49	0.963		---		---	31
TOTAL	---	---	---	30.570	131.67	102.50	87.96	46.073	24.020	---	---	---	TOTAL
MEAN	---	---	---	1.02	4.25	3.42	2.84	1.49	0.801	---	---	---	MEAN
MAX	---	---	---	2.32	7.12	4.67	3.92	2.32	0.963	---	---	---	MAX
MIN	---	---	---	0.668	2.49	2.87	2.07	0.934	0.736	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.12 ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 27 49 N
LONG 120 28 08 W
DRAINAGE AREA, 593 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 600
FEB	---	AUG	3 980
MAR	---	SEP	2 080
APR	2 640	OCT	---
MAY	11 400	NOV	---
JUN	8 860	DEC	---

ALLISON LAKE NEAR PRINCETON - STATION NO. 08NL058

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	4.117	---	---	---	---	---	---	---	---	1
2	---	---	---	---	4.710	---	---	5.398	---	---	---	---	2
3	---	---	---	---	---	5.398	5.398	---	---	---	---	---	3
4	---	---	---	4.145	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	5.580	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	5.106	---	5.398	5.398	---	---	---	---	10
11	---	---	---	4.179	---	5.398	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	5.542	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	5.398	---	---	---	---	---	---	---	16
17	---	---	---	4.274	---	5.398	5.398	---	---	---	---	---	17
18	---	---	---	---	---	---	---	5.398	---	---	---	---	18
19	---	---	---	---	---	---	---	---	5.498	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	4.342	5.398	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	5.398	5.398	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	5.436	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	5.601	---	---	---	---	29
30	---		---	4.612	---	5.398	---	---	---	---	---	---	30
31	---		---		5.398		5.398	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 40 54 N
LONG 120 36 15 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ALOUETTE RIVER NEAR HANEY - STATION NO. 08MH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.5	1.22	1.45	5.18	2.20	0.888	1.72	0.621	0.910	8.79	57.3	7.18	1
2	2.85	1.15	1.34	3.18	2.11	0.849	1.44	0.578A	0.719	6.28	53.1	9.05	2
3	2.51	1.09	1.72	3.30	2.55	1.12	1.23	0.575E	0.653	2.88	25.8	4.04	3
4	2.29	1.04	1.69	2.49	2.91	1.18	1.10	0.572E	0.671	2.00	1.05	2.92	4
5	1.92	1.02	1.45	8.11	2.18	2.93	1.04	0.569E	0.656	1.52	0.868	2.69	5
6	1.54	0.978	1.32	3.92	1.76	3.61	0.974	0.566E	0.625	2.04	0.802	2.41	6
7	1.45	0.955	1.27	2.74	1.65	1.91	1.19	0.563E	0.623	6.31	0.755	2.07	7
8	1.38	0.951	1.20	3.43	1.59	1.64	1.09	0.560E	0.623	9.93	0.744	1.81	8
9	1.40	0.912	1.12	3.07	1.75	2.10	0.969	0.557E	0.671	35.9	0.756	2.22	9
10	1.32	0.855	1.06	2.36	1.60	2.96	0.916	0.553	0.675	32.6	0.779	7.59	10
11	1.24	0.816	1.04	3.03	1.49	2.61	0.884	0.529	0.667	29.8	1.24	20.1	11
12	1.19	1.11	0.995	3.04	1.32	1.93	0.823	0.569	0.638	27.7	4.19	2.29	12
13	1.14	1.63	0.927	2.61	1.24	3.31	0.841	0.600	0.644	16.5	2.49	1.90	13
14	1.08	2.34	0.909	2.13	1.22	2.64	0.918	0.613	0.641	1.53	2.79	2.00	14
15	1.04	9.81	0.959	1.84	1.20	1.92	0.828	0.609	0.631	1.31	3.32	1.86	15
16	1.02	11.2	1.32	1.71	1.10	1.80	0.768	0.602	0.640	1.21	3.26	1.64	16
17	0.998	7.85	1.02	1.54	1.05	1.60	0.739	0.603	0.635	1.13	2.46	1.53	17
18	1.12	10.9	0.915	1.37	1.04	2.52	0.803	0.603	0.666	1.09	4.41	1.82	18
19	1.07	5.91	0.859	1.24	1.07	4.74	0.849	0.593	0.705	1.06	3.27	3.98	19
20	1.00	3.85	0.836	1.24	1.01	3.09	0.849	0.600	0.734	1.00	3.04	3.10	20
21	1.21	6.46	0.820	1.68	0.953	2.31	0.799	0.611	0.835	0.933	4.68	2.19	21
22	1.37	3.94	0.990	9.05	0.898	2.68	0.752	0.598	1.05	0.894	9.36	1.82	22
23	1.58	2.66	1.41	8.38	0.983	3.21	0.723	0.598	0.852	0.875	6.68	1.71	23
24	1.45	2.18	1.26	4.97	0.954	3.82	0.685	0.571	0.925	0.880	4.88	2.06	24
25	1.49	2.28	1.37	2.87	1.65	2.00	0.649	0.630	0.745	0.864	4.08	1.88	25
26	1.69	1.96	1.81	2.07	1.24	1.65	0.626	0.600	0.659	1.05	3.29	2.30	26
27	1.84	1.74	1.20	2.12	1.04	1.43	0.593	0.563	0.801	1.63	2.43	2.10	27
28	1.62	1.58	1.49	4.07	0.964	1.29	0.607	0.553	1.17	3.05	1.98	1.93	28
29	1.53		5.13	3.69	0.914	1.54	0.747	0.581	0.950	3.27	1.89	1.72	29
30	1.39		5.88	2.74	1.11	1.60	0.726	0.573	0.983	2.99	2.76	1.58	30
31	1.28		11.2		0.971		0.655	0.752		22.3		1.49	31
TOTAL	62.508	88.387	55.560	99.17	63.617	65.877	27.533	18.265	22.407	229.316	214.454	102.98	TOTAL
MEAN	2.02	3.16	1.79	3.31	1.41	2.20	0.888	0.589	0.747	7.40	7.15	3.32	MEAN
MAX	18.5	11.2	11.2	9.05	2.91	4.74	1.72	0.752	1.17	35.9	57.3	20.1	MAX
MIN	0.998	0.816	0.820	1.24	0.883	0.849	0.593	0.529	0.623	0.864	0.744	1.49	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 57.3 ON NOV 1
MINIMUM DAILY, 0.529 ON AUG 11
MAXIMUM INSTANTANEOUS,
62.8 AT 07:27 PST ON NOV 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 21 N
LONG 122 34 42 W
DRAINAGE AREA, 234 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 400	JUL	2 380
FEB	7 640	AUG	1 580
MAR	4 800	SEP	1 940
APR	8 570	OCT	19 800
MAY	3 770	NOV	18 500
JUN	5 690	DEC	8 900

TOTAL DISCHARGE, 89 000 dam³

AMBUSTEN CREEK NEAR THE MOUTH - STATION NO. 08LF081

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018B	0.013B	0.011B	0.012B	0.017E	0.460	0.079	0.045	0.023	0.015	0.012	0.013B	1
2	0.015B	0.013B	0.010B	0.012B	0.017E	0.452	0.070	0.043	0.021	0.016	0.012	0.013B	2
3	0.013B	0.013B	0.009B	0.012B	0.018E	0.406	0.067	0.043	0.020	0.016	0.012	0.013B	3
4	0.011B	0.012B	0.009B	0.012B	0.020E	0.352	0.057	0.042	0.022	0.016	0.011	0.013B	4
5	0.010B	0.012B	0.009B	0.012B	0.022E	0.322	0.053	0.039	0.022	0.016	0.011	0.014B	5
6	0.010B	0.011B	0.010B	0.011B	0.025E	0.279	0.051	0.038	0.020	0.016	0.011	0.015B	6
7	0.010B	0.011B	0.010B	0.011B	0.027A	0.240	0.066	0.034	0.020	0.017	0.012	0.015B	7
8	0.010B	0.010B	0.010B	0.011B	0.038	0.220	0.061	0.032	0.018	0.016	0.012	0.016B	8
9	0.010B	0.010B	0.010B	0.011B	0.056	0.204	0.053	0.029	0.018	0.016	0.012	0.016B	9
10	0.010B	0.010B	0.010B	0.011B	0.067	0.196	0.058	0.025	0.017	0.016	0.011	0.016B	10
11	0.010B	0.010B	0.009B	0.012B	0.097	0.176	0.073	0.024	0.017	0.016	0.012	0.015B	11
12	0.010B	0.010B	0.009B	0.012B	0.119	0.163	0.059	0.023	0.017	0.016	0.012	0.014B	12
13	0.010B	0.010B	0.009B	0.013B	0.150	0.217	0.059	0.023	0.017	0.015	0.012	0.013B	13
14	0.010B	0.010B	0.009B	0.014B	0.194	0.205	0.064	0.023	0.017	0.014	0.012	0.012B	14
15	0.010B	0.010B	0.009B	0.015B	0.324	0.161	0.058	0.023	0.018	0.015	0.012	0.011B	15
16	0.012B	0.010B	0.010B	0.016B	0.347	0.144	0.055	0.024	0.017	0.014	0.011	0.011B	16
17	0.014B	0.010B	0.010B	0.017B	0.367	0.127	0.055	0.023	0.016	0.014	0.011	0.011B	17
18	0.020B	0.011B	0.011B	0.018B	0.403	0.129	0.052	0.022	0.016	0.014	0.011	0.011B	18
19	0.060B	0.011B	0.011B	0.019B	0.551	0.131	0.056	0.022	0.017	0.014	0.010	0.012B	19
20	0.150B	0.012B	0.011B	0.019B	0.540	0.110	0.066	0.052	0.018	0.014	0.010	0.012B	20
21	0.160B	0.012B	0.011B	0.018B	0.709	0.103	0.055	0.032	0.017	0.013	0.010	0.012B	21
22	0.173B	0.013B	0.011B	0.018B	0.564	0.105	0.050	0.027	0.017	0.013	0.010	0.012B	22
23	0.180B	0.013B	0.010B	0.017B	0.545	0.097	0.047	0.027	0.018	0.013	0.010	0.012B	23
24	0.100B	0.013B	0.010B	0.017B	0.622	0.089	0.048	0.026	0.018	0.013	0.010B	0.011B	24
25	0.030B	0.013B	0.010B	0.018B	0.847	0.084	0.048	0.024	0.018	0.014	0.010B	0.011B	25
26	0.020B	0.013B	0.009B	0.018B	0.641	0.080	0.045	0.023	0.018	0.014	0.010B	0.010B	26
27	0.018B	0.012B	0.009B	0.018B	0.507	0.079	0.043	0.024	0.017	0.013	0.010B	0.010B	27
28	0.016B	0.012B	0.009B	0.018B	0.495	0.077	0.040	0.022	0.017	0.012	0.010B	0.010B	28
29	0.015B		0.009B	0.017B	0.481	0.075	0.041	0.023	0.016	0.012	0.011B	0.010B	29
30	0.014B		0.010B	0.017B	0.483	0.076	0.042	0.025	0.016	0.012	0.013B	0.010B	30
31	0.013B		0.011B		0.507		0.043	0.023		0.012		0.010B	31
TOTAL	1.162	0.320	0.305	0.446	9.800	5.559	1.714	0.905	0.543	0.447	0.333	0.384	TOTAL
MEAN	0.037	0.011	0.010	0.015	0.316	0.185	0.055	0.029	0.018	0.014	0.011	0.012	MEAN
MAX	0.180	0.013	0.011	0.019	0.847	0.460	0.079	0.052	0.023	0.017	0.013	0.016	MAX
MIN	0.010	0.010	0.009	0.011	0.017	0.075	0.040	0.022	0.016	0.012	0.010	0.010	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.060
MAXIMUM DAILY, 0.847 ON MAY 25
MINIMUM DAILY, 0.009B ON MAR 3
MAXIMUM INSTANTANEOUS,
0.982 AT 04:18 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 56 N
LONG 121 34 27 W
DRAINAGE AREA, 32.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	100	JUL	148
FEB	27.6	AUG	78.2
MAR	26.4	SEP	46.9
APR	38.5	OCT	38.6
MAY	847	NOV	28.8
JUN	480	DEC	33.2

TOTAL DISCHARGE, 1 890 dam³

ANDERSON CREEK ABOVE DIVERSIONS - STATION NO. 08LF084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.047B	0.035B	0.026B	0.027B	0.040E	0.860	0.278	0.066	0.041	0.025E	0.022E	0.020B	1
2	0.046B	0.034B	0.027B	0.027B	0.043E	0.810	0.231	0.062	0.040	0.026E	0.021E	0.023B	2
3	0.045B	0.033B	0.027B	0.027B	0.046E	0.729	0.202	0.059	0.039	0.027E	0.021E	0.025B	3
4	0.044B	0.032B	0.027B	0.027B	0.049E	0.652	0.176	0.059	0.041	0.027E	0.021E	0.028B	4
5	0.043B	0.031B	0.026B	0.027B	0.052E	0.599	0.159	0.058	0.041	0.027E	0.021E	0.030B	5
6	0.043B	0.031B	0.026B	0.027B	0.056E	0.553	0.156	0.056	0.039	0.026E	0.022E	0.032B	6
7	0.044B	0.032B	0.027B	0.026B	0.061A	0.520	0.179	0.054	0.037	0.025E	0.022E	0.035B	7
8	0.045B	0.032B	0.027B	0.026B	0.066	0.506	0.180	0.051	0.036	0.025E	0.022E	0.035B	8
9	0.045B	0.032B	0.027B	0.025B	0.080	0.480	0.154	0.049	0.036	0.025E	0.022E	0.035B	9
10	0.046B	0.032B	0.027B	0.025B	0.093	0.460	0.199	0.048	0.035	0.025E	0.022E	0.034B	10
11	0.046B	0.031B	0.027B	0.025B	0.106	0.433	0.267	0.047	0.035	0.025E	0.022E	0.033B	11
12	0.046B	0.030B	0.027B	0.025B	0.113	0.409	0.195	0.046	0.034	0.024E	0.022E	0.032B	12
13	0.046B	0.029B	0.026B	0.026B	0.135	0.502	0.182	0.045	0.034	0.024E	0.022A	0.030B	13
14	0.045B	0.028B	0.026B	0.026B	0.156	0.527	0.248	0.044	0.033	0.024E	0.022E	0.028B	14
15	0.044B	0.027B	0.026B	0.026B	0.194	0.452	0.239	0.042	0.032	0.024E	0.022E	0.026B	15
16	0.044B	0.025B	0.026B	0.026B	0.212	0.418	0.222	0.041	0.031	0.024E	0.022E	0.025B	16
17	0.045B	0.023B	0.026B	0.026B	0.298	0.374	0.181	0.041	0.031	0.024E	0.021E	0.025B	17
18	0.045B	0.022B	0.027B	0.027B	0.374	0.368	0.173	0.040	0.031	0.024E	0.021E	0.025B	18
19	0.044B	0.022B	0.027B	0.027B	0.736	0.363	0.183	0.040	0.031	0.024E	0.020E	0.025B	19
20	0.044B	0.022B	0.027B	0.027B	0.844	0.342	0.170	0.040	0.030E	0.024E	0.020E	0.025B	20
21	0.043B	0.023B	0.027B	0.028B	2.31	0.327	0.147	0.039	0.029E	0.023E	0.019E	0.023B	21
22	0.042B	0.024B	0.027B	0.028B	1.41	0.328	0.144	0.038	0.028E	0.023E	0.019E	0.020B	22
23	0.042B	0.024B	0.027B	0.029B	1.30	0.317	0.141	0.037	0.028A	0.023E	0.018E	0.020B	23
24	0.041B	0.025B	0.026B	0.029B	1.36	0.297	0.260	0.037	0.028E	0.024E	0.018E	0.020B	24
25	0.040B	0.025B	0.026B	0.030B	1.66	0.282	0.188	0.037	0.027E	0.024E	0.018E	0.020B	25
26	0.040B	0.025B	0.026B	0.031E	1.15	0.264	0.142	0.037	0.027E	0.024E	0.018B	0.020B	26
27	0.040B	0.025B	0.026B	0.032E	0.917	0.278	0.119	0.037	0.027E	0.023E	0.018B	0.020B	27
28	0.039B	0.026B	0.026B	0.033E	0.866	0.266	0.080	0.037	0.026E	0.022E	0.019B	0.020B	28
29	0.038B		0.026B	0.035E	0.848	0.245	0.068	0.038	0.026E	0.022E	0.019B	0.020B	29
30	0.037B		0.026B	0.037E	0.883	0.246	0.073	0.039	0.025E	0.022E	0.020B	0.020B	30
31	0.036B		0.026B		0.950		0.070	0.039		0.022E		0.020B	31
TOTAL	1.335	0.780	0.821	0.837	17.408	13.207	5.406	1.403	0.978	0.751	0.616	0.794	TOTAL
MEAN	0.043	0.028	0.026	0.028	0.562	0.440	0.174	0.045	0.033	0.024	0.021	0.026	MEAN
MAX	0.047	0.035	0.027	0.037	2.31	0.860	0.278	0.066	0.041	0.027	0.022	0.035	MAX
MIN	0.036	0.022	0.026	0.025	0.040	0.245	0.068	0.037	0.025	0.022	0.018	0.020	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.121
MAXIMUM DAILY, 2.31 ON MAY 21
MINIMUM DAILY, 0.018E ON NOV 23
MAXIMUM INSTANTANEOUS,
4.51 AT 11:40 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 36 N
LONG 121 38 43 W
DRAINAGE AREA, 31.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115	JUL	467
FEB	67.4	AUG	121
MAR	70.9	SEP	84.5
APR	72.3	OCT	64.9
MAY	1 500	NOV	53.2
JUN	1 140	DEC	68.6

TOTAL DISCHARGE, 3 820 dam³

ANDERSON CREEK AT THE MOUTH - STATION NO. 08MH104

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80	0.598	0.691	1.80	0.617	0.323	0.323	0.232	0.232	0.428	5.86	1.37	1
2	1.06	0.531	0.521	1.12	0.638	0.284	0.315	0.232	0.232	0.569	1.49	4.36	2
3	0.521	0.484	1.40	0.858	0.691	0.323	0.345	0.232	0.232	0.722	0.987	1.37	3
4	0.598	0.465	1.17	0.896	1.40	0.330	0.269	0.232	0.254	0.370	0.722	1.17	4
5	0.560	0.437	0.858	4.28	0.788	0.502	0.254	0.232	0.254	0.345	0.617	1.07	5
6	0.540	0.411	0.733	1.26	0.680	2.35	0.269	0.232	0.247	0.617	0.617	0.960	6
7	0.521	0.411	0.659	0.960	0.833	0.638	0.307	0.232	0.247	2.36	0.569	1.03	7
8	0.502	0.411	0.638	1.35	1.08	0.598	0.269	0.232	0.232	1.10	0.521	0.896	8
9	0.502	0.411	0.569	0.934	0.960	0.960	0.307	0.225	0.254	0.833	0.502	0.896	9
10	0.502	0.362	0.531	0.777	0.821	2.38	0.269	0.225	0.254	0.617	0.521	3.85	10
11	0.446	0.362	0.512	0.960	0.628	1.44	0.269	0.225	0.232	0.428	0.521	1.66	11
12	0.428	0.934	0.502	1.08	0.598	0.960	0.269	0.225	0.232	0.387	1.87	1.10	12
13	0.419	2.23	0.502	1.35	0.502	2.99	0.269	0.225	0.232	0.345	1.49	0.833	13
14	0.411	2.08	0.502	0.883	0.493	1.03	0.269	0.225	0.232	0.307	1.59	1.23	14
15	0.403	1.81	0.531	0.733	0.437	0.670	0.262	0.225	0.232	0.307	1.66	1.66	15
16	0.395	3.49	0.821	0.638	0.411	0.617	0.247	0.225	0.232	0.307	2.45	1.21	16
17	0.387	2.38	0.617	0.638	0.362	0.569	0.254	0.225	0.232	0.269	1.59	0.833	17
18	0.502	2.95	0.579	0.540	0.354	0.960	0.345	0.218	0.232	0.269	6.48	0.777	18
19	0.493	2.56	0.521	0.531	0.345	2.22	0.521	0.225	0.232	0.269	1.51	3.51	19
20	0.493	1.44	0.512	0.521	0.345	1.17	0.411	0.269	0.232	0.232E	1.77	1.66	20
21	0.493	3.26	0.493	0.628	0.345	0.722	0.345	0.247	0.232	0.232E	1.51	1.03	21
22	0.638	1.36	0.521	4.19	0.330	1.10	0.307	0.232	0.232	0.232	4.54	0.810	22
23	1.25	1.03	0.588	1.54	0.307	1.03	0.300	0.232	0.232	0.232	3.68	0.722	23
24	0.858	0.960	0.934	1.35	0.315	0.617	0.269	0.232	0.232	0.269	1.49	1.37	24
25	0.617	1.36	1.08	0.858	0.722	0.474	0.254	0.232	0.232	0.269	1.17	1.17	25
26	1.08	0.960	0.744	0.608	0.521	0.428	0.247	0.232	0.232	0.269	1.12	1.87	26
27	0.845	0.858	0.540	0.733	0.428	0.385	0.247	0.232	0.254	0.362	0.934	1.17	27
28	0.821	0.744	0.598	1.49	0.354	0.345	0.247	0.269	0.254	1.30	0.670	0.960	28
29	1.19		3.55	1.40	0.330	0.345	0.269	0.247	0.254	1.51	0.701	0.810	29
30	0.845		2.53	0.960	0.345	0.330	0.269	0.240	0.254	0.960	0.670	0.744	30
31	0.628		2.98		0.330		0.269	0.284		2.23		0.701	31
TOTAL	20.708	35.289	27.927	35.866	17.310	27.050	9.066	7.272	7.166	18.946	49.822	42.802	TOTAL
MEAN	0.668	1.26	0.901	1.20	0.558	0.902	0.292	0.235	0.239	0.611	1.66	1.38	MEAN
MAX	1.80	3.49	3.55	4.28	1.40	2.99	0.521	0.284	0.254	2.36	6.48	4.36	MAX
MIN	0.387	0.362	0.493	0.521	0.307	0.284	0.247	0.218	0.232	0.232	0.502	0.701	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.820
MAXIMUM DAILY, 6.48 ON NOV 18
MINIMUM DAILY, 0.218 ON AUG 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 34 N
LONG 122 40 58 W
DRAINAGE AREA, 27.2 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 790	JUL	783
FEB	3 050	AUG	628
MAR	2 410	SEP	619
APR	3 100	OCT	1 640
MAY	1 500	NOV	4 300
JUN	2 340	DEC	3 700

TOTAL DISCHARGE, 25 900 dam³

ANDERSON CREEK NEAR NELSON - STATION NO. 08NJ130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.054	0.034	0.057	0.125	0.442	0.456	0.227A	0.088	0.045	0.034	0.034	0.036	1
2	0.048	0.034	0.054	0.122	0.428	0.433	0.215E	0.085	0.040	0.042	0.032	0.035	2
3	0.045	0.034	0.054	0.110	0.362	0.408	0.201A	0.082	0.037	0.038	0.030	0.035	3
4	0.040	0.034	0.054	0.105	0.328	0.391	0.204A	0.076	0.037	0.031	0.032	0.034	4
5	0.037	0.034	0.054	0.102	0.309	0.365	0.207	0.076	0.037	0.031	0.030	0.039	5
6	0.034	0.031	0.054	0.099	0.292	0.371	0.238	0.074	0.034	0.051	0.030	0.043	6
7	0.034	0.031	0.054	0.096	0.280	0.331	0.244	0.068	0.031	0.057	0.028	0.043	7
8	0.031	0.031	0.051	0.093	0.269	0.317	0.232	0.062	0.031	0.054	0.028	0.042	8
9	0.031	0.031	0.051	0.091	0.255	0.309	0.218	0.059	0.031	0.048	0.027	0.048	9
10	0.031	0.028	0.048	0.085	0.255	0.323	0.207	0.057	0.028	0.043	0.028	0.085	10
11	0.028	0.031	0.048	0.085	0.261	0.309	0.193	0.057	0.028	0.038	0.027	0.071	11
12	0.028	0.028	0.051	0.082	0.261	0.292	0.181	0.054	0.027	0.035	0.036	0.062	12
13	0.027	0.031	0.051	0.079	0.261	0.345	0.187	0.051	0.024	0.034	0.036	0.057	13
14	0.027	0.031	0.054	0.076	0.275	0.354	0.176	0.051	0.024	0.031	0.046	0.057	14
15	0.027	0.031	0.059	0.076	0.343	0.337	0.167	0.048	0.025	0.030	0.051	0.054	15
16	0.026	0.034	0.079	0.082	0.379	0.320	0.159	0.048	0.025	0.030	0.053	0.050	16
17	0.026	0.040	0.088	0.088	0.388	0.289	0.150	0.045	0.025	0.029	0.058	0.049	17
18	0.025	0.042	0.079	0.096	0.408	0.286	0.142	0.045	0.024	0.026	0.050	0.047	18
19	0.025	0.071	0.076	0.113	0.428	0.294A	0.144	0.042	0.027	0.027	0.050	0.048	19
20	0.025	0.091	0.074	0.136	0.527	0.345A	0.144	0.057	0.027	0.027	0.045	0.046	20
21	0.025	0.071	0.071	0.150	0.643	0.340A	0.136	0.042	0.034	0.024	0.050	0.044	21
22	0.025	0.062	0.085	0.170	0.699	0.323A	0.130	0.042	0.031	0.024	0.061	0.043	22
23	0.031	0.059	0.099	0.241	0.680	0.345A	0.127	0.040	0.028	0.024	0.061	0.043	23
24	0.048	0.062	0.093	0.388	0.671	0.320A	0.116	0.040	0.027	0.024	0.055	0.043	24
25	0.045	0.068	0.093	0.365	0.722	0.309A	0.110	0.037	0.027	0.024	0.046	0.042	25
26	0.042	0.068	0.105	0.323	0.733	0.283A	0.105	0.037	0.026	0.024	0.042	0.041	26
27	0.042	0.062	0.108	0.297	0.634	0.269A	0.102	0.037	0.027	0.027	0.038	0.041	27
28	0.042	0.059	0.105	0.300	0.530	0.246A	0.099	0.034	0.040	0.037	0.038	0.040	28
29	0.040		0.116	0.294	0.453	0.241A	0.099	0.034	0.054	0.036	0.038	0.039	29
30	0.040		0.127	0.328	0.490	0.232A	0.096	0.037	0.040	0.032	0.037	0.039	30
31	0.037		0.125		0.524		0.093	0.034		0.033		0.037	31
TOTAL	1.066	1.263	2.317	4.797	13.530	9.783	5.049	1.639	0.941	1.041	1.213	1.433	TOTAL
MEAN	0.034	0.045	0.075	0.160	0.436	0.326	0.163	0.053	0.031	0.034	0.040	0.046	MEAN
MAX	0.054	0.091	0.127	0.388	0.733	0.456	0.244	0.088	0.054	0.057	0.061	0.085	MAX
MIN	0.025	0.028	0.048	0.076	0.255	0.232	0.093	0.034	0.024	0.024	0.027	0.034	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.121
MAXIMUM DAILY, 0.733 ON MAY 26
MINIMUM DAILY, 0.024 ON SEP 13
MAXIMUM INSTANTANEOUS,
0.951 AT 15:45 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 05 N
LONG 117 15 35 W
DRAINAGE AREA, 9.07 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	92.1	JUL	435
FEB	109	AUG	142
MAR	200	SEP	81.3
APR	414	OCT	89.9
MAY	1 170	NOV	105
JUN	845	DEC	124

TOTAL DISCHARGE, 3 810 dam³

ANDERSON RIVER NEAR BOSTON BAR - STATION NO. 08MF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	23.5	5.18	3.94	6.92	24.6	---	1
2	---	---	---	---	---	---	19.8	4.91	3.85	15.0	10.8	---	2
3	---	---	---	---	---	---	18.4	4.70	2.78	6.09	8.22	---	3
4	---	---	---	---	---	---	18.2	4.54	2.55	4.90	7.48	---	4
5	---	---	---	---	---	---	15.5	4.31	2.62	4.27	6.42	---	5
6	---	---	---	---	---	---	11.9	4.14	2.43	9.14	5.89	---	6
7	---	---	---	---	---	---	12.4	3.99	2.32	21.4	5.61	---	7
8	---	---	---	---	---	---	11.8	3.77	2.24	9.19	5.31	---	8
9	---	---	---	---	---	---	10.0	3.58	2.18	8.37	5.03	---	9
10	---	---	---	---	---	---	10.8	3.46	2.17	6.74	4.84	---	10
11	---	---	---	---	---	---	10.2	3.32	2.14	5.99	8.90	---	11
12	---	---	---	---	---	---	9.58	3.19	2.09	5.42	29.8	---	12
13	---	---	---	---	---	---	10.2	3.04	2.04	4.93	15.5	---	13
14	---	---	---	---	---	---	12.2	2.97	2.02	4.66	12.6	---	14
15	---	---	---	---	---	---	9.71	2.91	2.00	4.49	19.3	---	15
16	---	---	---	---	---	---	11.3	2.80	2.01	4.46	23.9	---	16
17	---	---	---	---	---	---	10.9	2.76	1.97	4.25	14.9	---	17
18	---	---	---	---	---	---	8.80	2.70	1.97	4.12	10.9	---	18
19	---	---	---	---	---	---	8.77	2.61	1.97	3.95	9.26	---	19
20	---	---	---	---	---	---	8.17	2.61	2.05	3.72	8.35	---	20
21	---	---	---	---	---	---	7.66	2.67	2.49	3.49	11.2	---	21
22	---	---	---	---	---	---	7.22	2.55	2.60	3.34	15.5	---	22
23	---	---	---	---	---	---	7.11	2.47	2.65	3.25	11.2	---	23
24	---	---	---	---	---	---	9.83	2.40	2.30	3.19	9.31	---	24
25	---	---	---	---	---	---	7.88	2.34	2.22	3.14	8.05	---	25
26	---	---	---	---	---	---	7.01	2.33	2.23	3.63	7.29	---	26
27	---	---	---	---	---	---	6.51	2.26	2.35	5.46	6.65	---	27
28	---	---	---	---	---	---	6.10	2.23	4.73	6.36	6.24	---	28
29	---		---	---	---	---	5.83	2.24	4.11	5.56	6.25	---	29
30	---		---	---	---	---	5.64	2.57	3.01	4.87	6.05	---	30
31	---		---		---		5.45	2.41		19.8		---	31
TOTAL	---	---	---	---	---	---	328.37	97.96	76.03	200.10	325.35	---	TOTAL
MEAN	---	---	---	---	---	---	10.6	3.16	2.53	6.45	10.8	---	MEAN
MAX	---	---	---	---	---	---	23.5	5.18	4.73	21.4	29.8	---	MAX
MIN	---	---	---	---	---	---	5.45	2.23	1.97	3.14	4.84	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 24 N
LONG 121 25 42 W
DRAINAGE AREA, 492 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28 400
FEB	---	AUG	8 460
MAR	---	SEP	6 570
APR	---	OCT	17 300
MAY	---	NOV	28 100
JUN	---	DEC	---

ANNORE CREEK NEAR THE MOUTH - STATION NO. 08GA068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.409	0.346	0.037	0.136	0.015	0.006	---	---	---	1
2	---	---	---	0.387	0.231	0.037	0.103	0.015	0.008	0.974	---	---	2
3	---	---	---	0.433	0.136	0.062	0.081	0.014	0.005	---	---	---	3
4	---	---	---	0.297	0.173	0.057	0.057	0.013	0.004	---	---	---	4
5	---	---	---	0.855	0.250	0.173	0.050	0.020	0.004	---	---	---	5
6	---	---	---	0.255	0.197	0.136	0.062	0.012E	0.003	---	---	---	6
7	---	---	---	0.520	0.110	0.121	0.034	0.010E	0.003	---	---	---	7
8	---	---	---	0.366	0.165	0.092	0.033	0.010E	0.001	---	---	---	8
9	---	---	---	0.259	0.095	0.129	0.023	0.009E	0.002	---	---	---	9
10	---	---	---	0.173	0.092	0.060	0.022	0.008E	0.001	---	---	---	10
11	---	---	---	0.211	0.360	0.081	0.021	0.007E	0.001	---	---	---	11
12	---	---	---	0.250	0.088	0.062	0.021	0.006	0.001	---	---	---	12
13	---	---	---	0.173	0.095	0.110	0.050	0.005E	0.001	---	---	---	13
14	---	---	---	0.154	0.169	0.280	0.027	0.005E	0.003	---	---	---	14
15	---	---	---	0.140	0.125	0.221	0.121	0.004	0.002	---	---	---	15
16	---	---	---	0.133	0.099	0.154E	0.066	0.004	0.001	---	---	---	16
17	---	---	---	0.114E	0.084	0.099	0.042	0.004	0.001	---	---	---	17
18	---	---	---	0.092	0.081	0.129	0.099	0.004	0.001	---	---	---	18
19	---	---	---	0.066	0.037	0.297	0.154	0.004	0.047	---	---	---	19
20	---	---	---	0.057	0.044	0.240	0.143	0.007	0.095	---	---	---	20
21	---	---	---	0.140	0.037	0.173	0.103	0.004	0.161	---	---	---	21
22	---	---	---	0.231	0.035	0.192	0.057	0.004	0.143	---	---	---	22
23	---	---	---	0.566	0.035	0.275	0.034	0.004	0.075	---	---	---	23
24	---	---	---	0.269	0.037	0.187	0.057	0.006	0.045	---	---	---	24
25	---	---	---	0.202	0.081	0.136	0.034	0.005	0.020	---	---	---	25
26	---	---	---	0.132	0.070	0.088	0.025	0.004	0.011	---	---	---	26
27	---	---	---	0.143	0.060	0.140	0.022	0.004	0.028	0.323	---	---	27
28	---	---	---	0.394	0.057	0.095	0.021	0.004	0.102	---	---	---	28
29	---		---	0.297	0.050	0.077	0.021	0.004	0.054	---	---	---	29
30	---		---	0.173	0.042	0.202	0.018	0.004	0.317	---	---	---	30
31	---		---		0.042		0.017	0.018		---		---	31
TOTAL	---	---	---	7.891	3.523	4.142	1.754	0.237	1.146	---	---	---	TOTAL
MEAN	---	---	---	0.263	0.114	0.138	0.057	0.008	0.038	---	---	---	MEAN
MAX	---	---	---	0.855	0.360	0.297	0.154	0.020	0.317	---	---	---	MAX
MIN	---	---	---	0.057	0.035	0.037	0.017	0.004	0.001	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 19 34 N
LONG 122 51 18 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	152
FEB	---	AUG	20.5
MAR	---	SEP	99.0
APR	682	OCT	---
MAY	304	NOV	---
JUN	358	DEC	---

ARGENTA CREEK NEAR ARGENTA - STATION NO. 08NH051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.031	0.028	0.028	0.034	0.057	0.127	0.156	0.224	0.133	0.085	0.060	0.050	1
2	0.034	0.028	0.028	0.034	0.065	0.133	0.161	0.212	0.127	0.085	0.061	0.049	2
3	0.034	0.028	0.027	0.031	0.062	0.133	0.173	0.207	0.125	0.082	0.060	0.049	3
4	0.034	0.028	0.026	0.031	0.059	0.133	0.176	0.204	0.125	0.082	0.061	0.050	4
5	0.031	0.028	0.027	0.031	0.059	0.136	0.195	0.201	0.122	0.082	0.060	0.051	5
6	0.031	0.028	0.027	0.028	0.059	0.142	0.221	0.198	0.119	0.079	0.059	0.049	6
7	0.031	0.028	0.028	0.028	0.054	0.144	0.249	0.193	0.116	0.079	0.058	0.047	7
8	0.031	0.028	0.026	0.028	0.057	0.147	0.266	0.193	0.116	0.082	0.058	0.047	8
9	0.031	0.028	0.026	0.028	0.057	0.153	0.261	0.190	0.113	0.082	0.057	0.046	9
10	0.031	0.028	0.027	0.028	0.059	0.150	0.252	0.190	0.110	0.079	0.057	0.052	10
11	0.031	0.028	0.026	0.028	0.059	0.150	0.232	0.190	0.108	0.076	0.056	0.048	11
12	0.031	0.027	0.026	0.028	0.059	0.150	0.218	0.187	0.108	0.074	0.061	0.048	12
13	0.031	0.027	0.028	0.028	0.062	0.153	0.224	0.187	0.105	0.074	0.057	0.046	13
14	0.031	0.027	0.028	0.028	0.068	0.147	0.232	0.184	0.105	0.074	0.059	0.047	14
15	0.031	0.031	0.028	0.028	0.076	0.144	0.235	0.184	0.105	0.074	0.059	0.047	15
16	0.028	0.034	0.028	0.031	0.076	0.147	0.235	0.181	0.102	0.071	0.056	0.048	16
17	0.031	0.034	0.028	0.031	0.079	0.144	0.232	0.178	0.099	0.068	0.056	0.048	17
18	0.031	0.031	0.028	0.028	0.082	0.142	0.227	0.176	0.096	0.068	0.055	0.047	18
19	0.031	0.034	0.031	0.028	0.085	0.142	0.235	0.173	0.099	0.068	0.054	0.048	19
20	0.031	0.031	0.028	0.031	0.093	0.142	0.246	0.170	0.096	0.067	0.054	0.047	20
21	0.031	0.028	0.027	0.031	0.093	0.142	0.252	0.161	0.099	0.067	0.056	0.045	21
22	0.031	0.028	0.028	0.031	0.096	0.142	0.244	0.159	0.096	0.067	0.054	0.044	22
23	0.031	0.031	0.028	0.034	0.099	0.142	0.235	0.156	0.093	0.066	0.053	0.044	23
24	0.034	0.028	0.028	0.042	0.099	0.139	0.232	0.150	0.091	0.064	0.053	0.045	24
25	0.031	0.031	0.027	0.040	0.105	0.139	0.229	0.147	0.091	0.064	0.051	0.044	25
26	0.028	0.028	0.028	0.037	0.108	0.139	0.227	0.144	0.091	0.066	0.050	0.043	26
27	0.031	0.027	0.031	0.037	0.110	0.139	0.227	0.139	0.091	0.065	0.048	0.042	27
28	0.028	0.028	0.031	0.040	0.113	0.139	0.227	0.139	0.091	0.065	0.046	0.044	28
29	0.028		0.034	0.037	0.116	0.142	0.232	0.139	0.088	0.063	0.048	0.042	29
30	0.028		0.034	0.040	0.122	0.144	0.241	0.136	0.088	0.063	0.050	0.041	30
31	0.028		0.034		0.127		0.235	0.133		0.060		0.042	31
TOTAL	0.955	0.813	0.879	0.959	2.515	4.266	7.007	5.425	3.148	2.241	1.667	1.440	TOTAL
MEAN	0.031	0.029	0.028	0.032	0.081	0.142	0.226	0.175	0.105	0.072	0.056	0.046	MEAN
MAX	0.034	0.034	0.034	0.042	0.127	0.153	0.266	0.224	0.133	0.085	0.061	0.052	MAX
MIN	0.028	0.027	0.026	0.028	0.054	0.127	0.156	0.133	0.088	0.060	0.046	0.041	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.086
MAXIMUM DAILY, 0.266 ON JUL 8
MINIMUM DAILY, 0.026 ON MAR 4
MAXIMUM INSTANTANEOUS,
0.278 AT 15:14 PST ON JUL 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 50 N
LONG 116 54 01 W
DRAINAGE AREA, 5.70 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82.5	JUL	605
FEB	70.2	AUG	469
MAR	75.9	SEP	272
APR	82.9	OCT	194
MAY	217	NOV	144
JUN	369	DEC	124

TOTAL DISCHARGE, 2 710 dam³

ARROW CREEK NEAR ERICKSON - STATION NO. 08NH084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18	0.677	0.714	1.05	9.43	9.19	4.72	1.41	0.714	0.458	0.494	0.437	1
2	1.12	0.668	0.708	0.997	8.47	7.92	3.79	1.36	0.640	0.596	0.495	0.442	2
3	1.07	0.629	0.714	0.954	6.37	9.18	3.71	1.27	0.547	0.499	0.484	0.422	3
4	1.03	0.603B	0.728	0.881	5.15	8.69	3.54	1.26	0.555	0.468	0.474	0.428	4
5	0.963	0.572B	0.708	0.881	4.50	6.76	3.37	1.21	0.545	0.454	0.449	0.427	5
6	0.903	0.558B	0.680	0.810	4.08	7.62	3.91	1.15	0.517	0.546	0.449	0.438	6
7	0.878	0.566B	0.668	0.784	3.65	6.29	5.15	1.10	0.511	0.621	0.437	0.425	7
8	0.858	0.580B	0.665	0.767	3.48	5.40	4.26	1.04	0.503	0.657	0.433	0.405	8
9	0.816	0.564B	0.660	0.742	3.68	6.16	3.61	1.02	0.489	0.645	0.429	0.412	9
10	0.787	0.510B	0.680	0.711	4.02	7.46	3.35	0.990	0.477	0.556	0.423	0.547	10
11	0.759	0.515B	0.725	0.702	4.70	9.16	3.18	0.964	0.473	0.502	0.425	0.476	11
12	0.782	0.532B	0.807	0.697	4.90	7.69	3.00	0.949	0.473	0.485	0.557	0.425B	12
13	0.787	0.549B	0.872	0.657	5.10	8.81	3.08	0.923	0.466	0.469	0.553	0.368B	13
14	0.756	0.572B	0.940	0.660	5.49	9.23	2.97	0.929	0.454	0.471	0.578	0.379B	14
15	0.716B	0.609B	1.03	0.725	9.74	8.54	2.79	0.911	0.455	0.465	0.566	0.385B	15
16	0.677B	0.643	1.12	0.943	10.0	7.37	2.56	0.881	0.449	0.468	0.524	0.382B	16
17	0.612B	0.691	1.10	1.03	9.85	7.08	2.35	0.888	0.435	0.470	0.533	0.377B	17
18	0.623B	0.688	1.02	1.19	9.83	6.37	2.22	0.764	0.428	0.458	0.512	0.371B	18
19	0.640B	0.816	0.960	1.45	10.3	6.86	2.11	0.685	0.502	0.462	0.495	0.382B	19
20	0.643	0.915	0.943	1.77	11.1	8.42	2.10	0.670	0.478	0.454	0.486	0.393	20
21	0.643	0.858	0.926	2.27	13.4	9.02	2.02	0.647	0.544	0.430	0.499	0.380	21
22	0.648	0.841	0.900	2.29	13.8	8.41	1.99	0.620	0.505	0.425	0.519	0.360B	22
23	0.705	0.796	0.864	2.78	11.4	8.85	1.91	0.602	0.479	0.425	0.500	0.354B	23
24	0.864	0.818	0.847	4.36	7.28	7.60	1.89	0.579	0.470	0.416	0.477	0.362B	24
25	0.799	0.821	0.844	4.39	8.52	6.56	1.85	0.571	0.452	0.413	0.415	0.370	25
26	0.767	0.796	0.858	3.77	17.0	6.56	1.73	0.577	0.433	0.419	0.420	0.398	26
27	0.748	0.762	0.903	3.54	11.9	6.12	1.67	0.546	0.427	0.491	0.399	0.371	27
28	0.722	0.731	0.954	3.62	10.5	5.22	1.62	0.533	0.556	0.544	0.411	0.360B	28
29	0.719		1.00	3.71	11.0	4.67	1.57	0.540	0.536	0.538	0.457	0.345B	29
30	0.694		1.01	4.90	10.3	4.67	1.55	0.569	0.498	0.494	0.444	0.331B	30
31	0.699		1.07		11.8		1.48	0.546		0.485		0.331B	31
TOTAL	24.608	18.880	26.618	54.031	260.74	221.88	85.05	26.704	15.011	15.284	14.337	12.283	TOTAL
MEAN	0.794	0.674	0.859	1.80	8.41	7.40	2.74	0.861	0.500	0.493	0.478	0.396	MEAN
MAX	1.18	0.915	1.12	4.90	17.0	9.23	5.15	1.41	0.714	0.657	0.578	0.547	MAX
MIN	0.612	0.510	0.660	0.657	3.48	4.67	1.48	0.533	0.427	0.413	0.399	0.331	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.12
MAXIMUM DAILY, 17.0 ON MAY 26
MINIMUM DAILY, 0.331B ON DEC 30
MAXIMUM INSTANTANEOUS,
24.4 AT 16:10 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 32 N
LONG 116 27 04 W
DRAINAGE AREA, 78.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 130	JUL	7 350
FEB	1 630	AUG	2 310
MAR	2 300	SEP	1 300
APR	4 670	OCT	1 320
MAY	22 500	NOV	1 240
JUN	19 200	DEC	1 060

TOTAL DISCHARGE, 67 000 dam³

ARROW RESERVOIR AT FAUQUIER - STATION NO. 08NE102

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.757	35.971	33.807	33.778	36.541	42.443	43.954	44.269	44.157	43.477	43.061	42.818	1
2	39.517	35.874	33.769	33.840	36.712	42.557	44.030	44.253	44.294	43.423	43.069	42.822	2
3	39.291	35.750	33.709	33.892	36.904	42.693	44.097	44.204	44.365	43.310	43.076	42.852	3
4	39.114	35.625	33.653	33.924	37.066	42.860	44.227	44.177	44.401	43.182	43.121	42.869	4
5	38.976	35.498	33.589	33.979	37.265	42.989	44.372	44.173	44.414	43.105	43.136	42.872	5
6	38.861	35.373	33.528	34.073	37.444	43.128	44.473	44.172	44.393	43.126	43.149	42.824	6
7	38.755	35.246	33.460	34.141	37.605	43.271	44.441	44.175	44.350	43.182	43.179	42.726	7
8	38.637	35.128	33.416	34.222	37.765	43.363	44.401	44.179	44.303	43.241	43.157	42.651	8
9	38.466	35.020	33.404	34.320	37.956	43.442	44.359	44.175	44.272	43.296	43.107	42.565	9
10	38.293	34.878	33.387	34.426	38.155	43.506	44.319	44.167	44.262	43.313	43.059	42.475	10
11	38.124	34.704	33.364	34.529	38.301	43.545	44.365	44.156	44.212	43.315	43.002	42.420	11
12	37.969	34.547	33.354	34.654	38.460	43.554	44.418	44.151	44.146	43.298	42.919	42.376	12
13	37.855	34.396	33.366	34.788	38.620	43.548	44.479	44.136	44.109	43.287	42.854	42.300	13
14	37.763	34.244	33.396	34.922	38.802	43.532	44.581	44.124	44.093	43.275	42.777	42.249	14
15	37.655	34.084	33.429	35.002	38.976	43.517	44.585	44.116	44.046	43.255	42.730	42.244	15
16	37.557	33.968	33.472	35.088	39.177	43.571	44.545	44.110	44.020	43.226	42.691	42.219	16
17	37.466	33.871	33.547	35.190	39.333	43.613	44.498	44.129	44.011	43.192	42.674	42.171	17
18	37.348	33.782	33.625	35.291	39.443	43.612	44.447	44.125	44.004	43.123	42.636	42.130	18
19	37.201	33.700	33.678	35.369	39.599	43.628	44.444	44.122	44.016	43.074	42.610	42.101	19
20	37.077	33.606	33.711	35.400	39.823	43.625	44.449	44.137	44.009	43.049	42.607	42.047	20
21	36.963	33.530	33.727	35.469	40.080	43.628	44.460	44.154	43.988	43.015	42.594	41.957	21
22	36.847	33.487	33.727	35.561	40.377	43.622	44.464	44.178	43.977	42.962	42.556	41.860	22
23	36.770	33.488	33.706	35.669	40.663	43.628	44.447	44.191	43.938	42.931	42.585	41.761	23
24	36.683	33.538	33.702	35.778	40.917	43.645	44.453	44.183	43.876	42.905	42.662	41.661	24
25	36.572	33.602	33.705	35.947	41.142	43.658	44.480	44.163	43.826	42.866	42.704	41.525	25
26	36.480	33.667	33.685	36.071	41.424	43.688	44.460	44.160	43.812	42.906	42.768	41.382	26
27	36.393	33.752	33.666	36.142	41.671	43.770	44.483	44.155	43.791	42.964	42.821	41.289	27
28	36.301	33.799	33.645	36.220	41.844	43.812	44.508	44.122	43.725	43.023	42.847	41.230	28
29	36.202		33.650	36.338	41.968	43.813	44.489	44.093	43.662	43.052	42.838	41.169	29
30	36.125		33.666	36.422	42.107	43.860	44.456	44.088	43.567	43.052	42.804	41.103	30
31	36.048		33.718		42.291		44.333	44.093		43.061		41.049	31
MEAN	37.647	34.433	33.589	35.015	39.304	43.437	44.404	44.156	44.068	43.145	42.860	42.120	MEAN
MAX	39.757	35.971	33.807	36.422	42.291	43.860	44.585	44.269	44.414	43.477	43.179	42.872	MAX
MIN	36.048	33.487	33.354	33.778	36.541	42.443	43.954	44.088	43.567	42.866	42.556	41.049	MIN

WATER LEVELS IN METRES

MEAN, 40.386
MAXIMUM DAILY, 44.585 ON JUL 15
MINIMUM DAILY, 33.354 ON MAR 12
MAXIMUM INSTANTANEOUS,
44.626 AT 16:00 PST ON JUL 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 118 04 48 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR AT HUGH KEENLEYSIDE DAM - STATION NO. 08NE103

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.845	36.039	33.893	33.854	36.609	42.522	44.041	44.351	44.222	43.539	43.139	42.906	1
2	39.597	35.931	33.851	33.912	36.795	42.622	44.115	44.323	44.174	43.524	43.174	42.932	2
3	39.367	35.816	33.782	33.986	36.975	42.769	44.178	44.274	44.147	43.416	43.182	42.949	3
4	39.188	35.687	33.738	34.019	37.125	42.938	44.307	44.251	44.479	43.280	43.230	42.980	4
5	39.040	35.565	33.677	34.066	37.349	43.066	44.449	44.250	44.499	43.190	43.247	42.963	5
6	38.919	35.437	33.612	34.162	37.524	43.207	44.540	44.249	44.477	43.220	43.257	42.936	6
7	38.826	35.299	33.538	34.229	37.681	43.353	44.509	44.254	44.438	43.273	43.281	42.849	7
8	38.706	35.179	33.501	34.298	37.836	43.437	44.464	44.251	44.384	43.325	43.268	42.779	8
9	38.538	35.080	33.483	34.400	38.027	43.519	44.441	44.246	44.363	43.379	43.226	42.684	9
10	38.369	34.900	33.467	34.499	38.242	43.584	44.413	44.239	44.350	43.422	43.185	42.568	10
11	38.208	34.742	33.485	34.614	38.390	43.629	44.463	44.229	44.288	43.430	43.117	42.527	11
12	38.053	34.587	33.439	34.751	38.533	43.640	44.512	44.223	44.238	43.417	43.030	42.488	12
13	37.983	34.480	33.453	34.879	38.686	43.634	44.544	44.215	44.209	43.395	42.973	42.422	13
14	37.854	34.273	33.472	35.003	38.864	43.615	44.649	44.194	44.188	43.380	42.877	42.367	14
15	37.746	34.107	33.500	35.099	39.036	43.596	44.663	44.189	44.143	43.360	42.830	42.370	15
16	37.643	34.005	33.567	35.178	39.242	43.655	44.623	44.185	44.114	43.338	42.796	42.341	16
17	37.545	33.905	33.639	35.293	39.392	43.696	44.581	44.210	44.103	43.307	42.802	42.301	17
18	37.426	33.819	33.703	35.381	39.512	43.697	44.532	44.203	44.092	43.240	42.759	42.251	18
19	37.281	33.751	33.763	35.446	39.669	43.704	44.533	44.199	44.097	43.193	42.715	42.203	19
20	37.155	33.661	33.797	35.473	39.883	43.700	44.535	44.212	44.085	43.179	42.702	42.151	20
21	37.045	33.587	33.795	35.540	40.137	43.711	44.536	44.233	44.066	43.137	42.688	42.071	21
22	36.927	33.554	33.801	35.627	40.428	43.704	44.539	44.254	44.050	43.082	42.660	41.961	22
23	36.851	33.568	33.779	35.735	40.729	43.716	44.525	44.269	44.025	43.047	42.694	41.852	23
24	36.789	33.622	33.780	35.848	40.978	43.730	44.545	44.259	43.973	43.015	42.776	41.753	24
25	36.657	33.675	33.783	36.036	41.197	43.751	44.563	44.222	43.927	42.955	42.803	41.626	25
26	36.556	33.753	33.770	36.153	41.493	43.797	44.537	44.229	43.907	43.008	42.878	41.489	26
27	36.467	33.837	33.745	36.214	41.752	43.869	44.558	44.228	43.884	43.056	42.938	41.390	27
28	36.383	33.887	33.730	36.280	41.935	43.891	44.587	44.203	43.813	43.121	42.949	41.320	28
29	36.284		33.729	36.406	42.052	43.900	44.571	44.183	43.746	43.152	42.925	41.258	29
30	36.207		33.739	36.494	42.180	43.953	44.527	44.173	43.644	43.138	42.891	41.198	30
31	36.139		33.780		42.368		44.408	44.166		43.126		41.162	31
MEAN	37.728	34.490	33.669	35.096	39.375	43.520	44.483	44.231	44.154	43.247	42.966	42.227	MEAN
MAX	39.845	36.039	33.893	36.494	42.368	43.953	44.663	44.351	44.499	43.539	43.281	42.980	MAX
MIN	36.139	33.554	33.439	33.854	36.609	42.522	44.041	44.166	43.644	42.955	42.660	41.162	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 40.470
MAXIMUM DAILY, 44.663 ON JUL 15
MINIMUM DAILY, 33.439 ON MAR 12
MAXIMUM INSTANTANEOUS,
44.696 AT 08:50 PST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 18 N
LONG 117 46 14 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR AT NAKUSP - STATION NO. 08NE104

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.738	35.980	33.807	33.779	36.512	42.426	43.955E	44.270	44.161	43.465	43.056	42.839	1
2	39.507	35.878	33.774	33.838	36.685	42.535	44.025A	44.261	44.290	43.406	43.066	42.862	2
3	39.288	35.767	33.723	33.891	36.850	42.678	44.095A	44.220	44.348	43.300	43.079	42.866	3
4	39.110	35.647	33.663	33.943	37.037	42.838	44.221	44.187	44.390	43.166	43.106	42.882	4
5	38.970	35.516	33.603	33.997	37.234	42.965	44.368	44.181	44.404	43.090	43.124	42.897	5
6	38.860	35.385	33.537	34.086	37.425	43.117	44.454	44.177	44.378	43.104	43.139	42.833	6
7	38.755	35.269	33.474	34.149	37.589	43.259	44.464	44.182	44.348	43.165	43.168	42.742	7
8	38.640	35.144	33.424	34.231	37.746	43.354	44.406	44.185	44.299	43.225	43.149	42.653	8
9	38.478	35.018	33.403	34.326	37.937	43.424	44.352	44.180	44.274	43.276	43.102	42.572	9
10	38.298	34.885	33.382	34.438	38.144	43.466	44.315	44.170	44.262	43.288	43.058	42.499	10
11	38.130	34.739	33.368	34.541	38.303	43.541A	44.362	44.159	44.212	43.282	43.008	42.435	11
12	37.978	34.581	33.364	34.662	38.459	43.556A	44.404	44.154	44.152	43.269	42.927	42.364	12
13	37.856	34.440	33.378	34.777	38.607	43.547E	44.447	44.142	44.108	43.256	42.855	42.297	13
14	37.762	34.295	33.399	34.907	38.768	43.532E	44.505	44.129	44.090	43.256	42.790	42.264	14
15	37.661	34.128	33.426	35.004	38.962	43.525A	44.592	44.122	44.044	43.236	42.747	42.243	15
16	37.560	34.003	33.477	35.082	39.145	43.568A	44.547	44.114	44.015	43.209	42.695	42.225	16
17	37.469	33.912	33.543	35.191	39.299	43.608A	44.505	44.117	44.005	43.173	42.669	42.187	17
18	37.351	33.836	33.612	35.283	39.427	43.620A	44.453	44.123	43.997	43.121	42.637	42.140	18
19	37.204	33.748	33.672	35.356	39.579	43.620A	44.456	44.120	44.014	43.074	42.611	42.126	19
20	37.085	33.657	33.706	35.399	39.789	43.626E	44.459	44.141	44.003	43.040	42.608	42.071	20
21	36.971	33.565	33.728	35.468	40.045	43.629E	44.468	44.185	43.988	43.007	42.592	41.977	21
22	36.855	33.506	33.727	35.572	40.339	43.617A	44.471	44.172	43.972	42.962	42.553	41.888	22
23	36.778	33.495	33.712	35.667	40.623	43.632A	44.456	44.178	43.930	42.936	42.587	41.786	23
24	36.689	33.534	33.699	35.797	40.884	43.623A	44.451	44.176	43.863	42.902	42.653	41.678	24
25	36.598	33.608	33.697	35.949	41.112	43.650A	44.475	44.169	43.805	42.880	42.707	41.551	25
26	36.500	33.666	33.662	36.064	41.390	43.690A	44.465	44.166	43.797	42.922	42.764	41.404	26
27	36.404	33.744	33.655	36.153	41.649	43.769E	44.486	44.159	43.778	42.967	42.816	41.301	27
28	36.306	33.794	33.650	36.245	41.819	43.812E	44.513	44.120	43.713	43.023	42.860	41.240	28
29	36.199		33.650	36.321	41.946	43.806A	44.502	44.091	43.650	43.057	42.848	41.173	29
30	36.130		33.674	36.398	42.086	43.858A	44.498A	44.092	43.563	43.064	42.830	41.117	30
31	36.060		33.710		42.267		44.297A	44.093		43.060		41.052	31
MEAN	37.651	34.455	33.590	35.017	39.279	43.430	44.406	44.158	44.062	43.135	42.860	42.134	MEAN
MAX	39.738	35.980	33.807	36.398	42.267	43.858	44.592	44.270	44.404	43.465	43.168	42.897	MAX
MIN	36.060	33.495	33.364	33.779	36.512	42.426	43.955	44.091	43.563	42.880	42.553	41.052	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 40.386
MAXIMUM DAILY, 44.592 ON JUL 15
MINIMUM DAILY, 33.364 ON MAR 12
MAXIMUM INSTANTANEOUS,
44.604 AT 11:00 PST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 12 N
LONG 117 47 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ASH RIVER BELOW MORAN CREEK - STATION NO. 08HB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.9	5.54	9.73	11.7	14.8	4.15	5.25	4.04	4.21	34.9	256	12.2	1
2	24.1	5.21	7.88	8.93	20.9	3.91	4.58	4.07	3.88	23.5	156	22.2	2
3	15.0	4.83	6.54	7.40	23.4	4.43	4.21	3.96	3.72	13.8	87.0	16.8	3
4	10.6	4.61	5.54	6.43	20.1	4.15	4.33	3.86	3.66	10.7	52.5	23.3	4
5	7.91	4.31	4.98	10.9	15.2	5.00	4.47	3.86	3.56	14.9	32.2	115	5
6	6.45	4.05	4.60	10.9	11.5	4.73	4.31	3.85	3.48	33.6	19.4	92.4	6
7	5.61	4.07	5.18	8.65	9.86	4.06	4.35	3.78	3.40	37.1	12.3	52.3	7
8	5.52	4.05	6.60	7.34	7.88	3.85	4.11	3.84	3.30	32.7	8.53	30.8	8
9	8.94	3.89	6.29	6.38	7.12	3.66	4.08	3.97	3.50	19.7	6.22	27.2	9
10	9.34	3.63	5.70	6.69	6.26	3.67	5.92	3.89	3.59	18.0	5.77	30.3	10
11	8.09	3.62	5.20	9.17	5.61	3.60	6.79	3.78	3.51	17.5	71.3	24.8	11
12	6.92	3.78	4.82	9.37	5.08	3.47	6.17	3.85	3.57	12.7	113	16.2	12
13	6.20	5.78	4.56	8.89	5.22	3.58	5.27	3.75	3.60	9.38	79.2	11.4	13
14	5.67	15.9	4.50	8.31	5.85	3.40	4.80	3.76	3.65	6.57	78.3	9.39	14
15	5.12	41.6	4.36	8.67	5.38	3.23	4.00	3.75	3.58	5.01	87.4	9.01	15
16	5.04	60.3	4.31	10.8	4.64	3.28	3.55	3.76	3.52	4.24	71.7	8.68	16
17	5.58	104	4.21	9.73	4.75	3.12	3.43	3.75	3.51	3.88	52.2	7.76	17
18	35.9	110	3.95	8.27	4.84	4.86	4.16	3.67	4.45	3.59	35.6	11.2	18
19	75.7	130	3.77	7.28	5.93	5.90	4.25	3.68	5.01	3.46	33.1	75.6	19
20	102	106	3.64	6.76	6.38	5.41	4.09	3.57	4.41	3.26	49.2	86.6	20
21	148	65.3	3.69	5.98	6.14	4.95	3.91	3.61	11.6	3.32	94.7	53.1	21
22	131	42.5	4.44	10.0	5.33	5.61	3.78	3.64	10.7	3.40	104	31.6	22
23	93.2	32.0	6.45	19.5	5.17	5.83	3.67	3.69	8.38	3.42	77.2	19.7	23
24	58.3	33.3	7.08	42.2	7.49	5.32	3.57	3.85	7.97	3.48	48.3	13.8	24
25	35.0	28.5	9.64	43.3	9.92	4.87	3.58	3.84	7.04	3.50	30.1	10.1	25
26	23.2	21.0	9.15	30.5	7.25	5.18	3.64	3.74	6.30	3.65	20.1	7.86	26
27	15.9	14.7	7.35	20.1	6.15	5.14	3.58	3.81	9.42	18.5	13.8	6.64	27
28	11.6	11.9	6.37	17.5	5.47	4.82	3.53	3.90	16.4	40.9	9.83	6.01	28
29	8.90		7.56	15.7	5.43	4.64	4.08	4.01	12.2	22.0	7.50	5.62	29
30	6.85		7.63	15.6	5.09	4.83	3.99	3.82	10.9	23.0	7.36	5.11	30
31	6.01		11.8		4.39		3.94	3.91		169		4.90	31
TOTAL	923.55	874.37	187.52	392.95	258.53	132.65	133.39	118.26	176.02	602.66	1 719.81	847.58	TOTAL
MEAN	29.8	31.2	6.05	13.1	8.34	4.42	4.30	3.81	5.87	19.4	57.3	27.3	MEAN
MAX	148	130	11.8	43.3	23.4	5.90	6.79	4.07	16.4	169	256	115	MAX
MIN	5.04	3.62	3.64	5.98	4.39	3.12	3.43	3.57	3.30	3.26	5.77	4.90	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 256 ON NOV 1
MINIMUM DAILY, 3.12 ON JUN 17
MAXIMUM INSTANTANEOUS,
278 AT 05:06 PST ON NOV 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 124 58 58 W
DRAINAGE AREA, 378 km²

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 800	JUL	11 500
FEB	75 500	AUG	10 200
MAR	16 200	SEP	15 200
APR	34 000	OCT	52 100
MAY	22 300	NOV	149 000
JUN	11 500	DEC	73 200

TOTAL DISCHARGE, 551 000 dam³

ASHNOLA RIVER NEAR KEREMEOS - STATION NO. 08NL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98B	0.878B	1.76B	1.56	16.9	36.8	15.7	9.12E	3.94E	2.83	3.54E	2.01	1
2	1.90B	0.804B	1.81B	1.50E	14.4 E	33.7E	15.1 E	8.95E	4.40	2.86E	3.45	2.24	2
3	1.78B	0.779B	1.84B	1.44	11.9 E	30.7	14.6	8.81	4.39E	2.92	3.26E	2.06E	3
4	1.76B	0.779B	1.70B	1.31E	9.37E	29.7E	13.9 E	7.99E	4.40	2.92E	3.06	1.87	4
5	1.73B	0.779B	1.56B	1.18E	6.85	28.7	13.2 E	7.14	4.08E	2.92E	3.00E	1.94E	5
6	1.76B	0.765B	1.50B	1.05	6.92	28.2E	12.4	6.65E	3.77E	2.92	2.92	2.01	6
7	1.78B	0.750B	1.44B	1.27	6.26	27.8E	12.3 E	6.17E	3.45	2.92E	2.92E	2.28	7
8	1.83B	0.708B	1.39B	1.42	6.77E	27.3	12.2 E	5.69	3.45E	2.92	2.92E	2.04E	8
9	1.81B	0.665B	1.33B	1.39E	7.29	26.3E	12.1 E	5.41E	3.45	3.37E	2.92	1.81	9
10	1.73B	0.651B	1.25B	1.36	7.36E	25.2	12.0	5.13E	3.23E	3.79	2.86E	1.70E	10
11	1.64B	0.680B	1.19B	1.33E	7.45E	20.2	11.3 E	4.84	2.96	3.34E	2.78	1.58E	11
12	1.66B	0.821B	1.15B	1.29E	7.53E	20.9	10.6 E	4.73E	2.82E	2.87	2.86E	1.47	12
13	1.67B	1.13 B	1.12	1.25	7.62	20.3E	9.88	4.64E	2.66E	2.97E	2.92	1.43B	13
14	1.66B	1.30 B	1.19E	1.31E	8.38	19.7E	10.4 E	4.53	2.51	3.06	2.46E	1.42B	14
15	1.61B	1.36 B	1.27E	1.36	15.0	19.1	11.0	5.18E	2.34E	2.97E	2.01	1.47B	15
16	1.59B	1.33 B	1.34	1.99E	14.7 E	19.1E	11.8 E	5.83E	2.18E	2.87	2.09E	1.42B	16
17	1.61B	1.32 B	1.36E	2.62E	14.4 E	19.1	12.7	6.48	2.01	2.79E	2.17E	1.44B	17
18	1.67B	1.29 B	1.39	3.26E	14.2	19.1E	14.9 E	6.11	2.17E	2.72E	2.25E	1.50B	18
19	1.67B	1.26 B	1.40E	3.88E	19.6 E	19.1	17.1 E	5.97E	2.33E	2.64	2.34E	1.56B	19
20	1.64B	1.27 B	1.42	4.50E	25.0	19.1E	19.3	5.82	2.49E	2.37E	2.42	1.53B	20
21	1.67B	1.39 B	1.42E	5.13E	28.3 E	19.1E	16.4 E	5.21	2.64	2.10	2.28E	1.44B	21
22	1.73B	1.36 B	1.44E	5.75	31.7 E	19.1	13.5	4.84E	2.67E	2.28E	2.15E	1.39B	22
23	1.78B	1.33 B	1.46	5.83E	35.2	18.5E	13.5 E	4.46	2.69	2.46	2.01	1.30B	23
24	1.81B	1.33 B	1.47E	5.89	46.2 E	18.0	13.5	3.45	2.92E	2.61E	1.77	1.36B	24
25	1.64B	1.59 B	1.50	5.55E	56.9	16.3	12.8 E	3.45E	3.16	2.77E	1.81E	1.44B	25
26	1.30B	1.72 B	1.51E	5.18E	64.0	16.3	12.1 E	3.45	3.17E	2.92	1.84	1.36B	26
27	1.27B	1.67 B	1.52E	4.84	63.4	16.2E	11.4 E	3.45E	3.17E	3.06E	1.67	1.29B	27
28	1.33B	1.61 B	1.53E	5.21E	63.0 E	16.2E	10.8 E	3.45	3.17E	3.21	1.77E	1.35B	28
29	1.25B		1.53E	5.55	62.4	16.1	10.1	3.45E	3.16	3.45E	1.87E	1.27B	29
30	1.30B		1.54E	11.2 E	60.5 E	15.9E	9.68E	3.45E	3.00E	3.68	1.98	1.20B	30
31	1.08B		1.55E		58.8 E		9.27	3.45		3.60E		1.18B	31
TOTAL	50.64	31.319	44.86	96.40	698.30	661.8	395.53	167.30	92.78	91.11	74.30	49.36	TOTAL
MEAN	1.63	1.12	1.45	3.21	22.5	22.1	12.8	5.40	3.09	2.94	2.48	1.59	MEAN
MAX	1.98	1.72	1.84	11.2	64.0	36.8	19.3	9.12	4.40	3.79	3.54	2.28	MAX
MIN	1.08	0.651	1.12	1.05	6.26	15.9	9.27	3.45	2.01	2.10	1.67	1.18	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.72
MAXIMUM DAILY, 64.0 ON MAY 26
MINIMUM DAILY, 0.651B ON FEB 10

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 11 30 N
LONG 120 00 00 W
DRAINAGE AREA, 1 050 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 380	JUL	34 200
FEB	2 710	AUG	14 500
MAR	3 880	SEP	8 020
APR	8 330	OCT	7 870
MAY	60 300	NOV	6 420
JUN	57 200	DEC	4 260

TOTAL DISCHARGE, 212 000 dam³

ATLIN LAKE AT ATLIN - STATION NO. 09AA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.204	1.640	2.210	2.841	3.133	---	2.307	2.057	1
2	1.658	---	---	---	---	1.649	2.225	2.856	3.127	---	2.316	2.042	2
3	---	1.512	1.372	1.268	---	1.664	2.243	2.868	3.115	---	2.332	2.051	3
4	---	---	---	---	---	1.676	2.259	2.880	3.109	2.871	2.316	2.039	4
5	---	---	---	---	1.216	1.704	---	2.896	3.078	2.859	2.286	2.027	5
6	1.609	1.494	1.378	---	---	1.716	---	---	3.085	2.835	2.280	2.015	6
7	---	---	---	1.228	---	1.753	2.277	2.944	3.094	2.819	2.271	2.012	7
8	---	---	---	---	1.219	1.765	2.283	---	3.170	2.774	2.286	2.009	8
9	1.570	---	---	---	---	1.783	2.292	---	3.206	2.743	2.170	1.990	9
10	---	1.463	1.372	1.219	1.231	1.798	2.298	3.042	3.231	2.734	2.158	1.981	10
11	---	---	---	---	1.241	1.823	2.307	3.066	3.136	2.722	2.152	1.984	11
12	---	---	---	---	1.247	1.835	2.323	---	3.246	2.710	2.149	1.966	12
13	1.573	1.448	1.387	---	1.259	1.844	2.329	3.078	3.267	2.676	2.140	1.981	13
14	---	---	---	1.210	1.265	1.853	2.338	3.091	3.298	2.673	2.109	1.902	14
15	---	---	---	---	1.280	1.862	2.344	---	3.261	2.664	2.179	---	15
16	1.579	---	---	---	1.311	1.890	2.408	---	3.231	2.652	2.164	---	16
17	---	1.463	1.329	1.195	1.326	1.908	2.426	3.106	3.225	2.649	2.149	1.875	17
18	---	---	---	---	1.344	1.926	2.457	3.115	3.231	2.637	2.134	---	18
19	---	---	---	---	1.359	1.996	2.505	3.115	3.237	2.621	2.128	---	19
20	1.567	1.448	1.323	---	1.366	2.012	2.539	---	3.252	2.606	2.118	1.829	20
21	---	---	---	1.189	1.378	2.027	2.569	---	3.255	2.591	2.103	1.814	21
22	---	---	---	---	1.402	2.036	2.585	---	3.258	2.576	2.210	---	22
23	1.545	---	---	---	1.426	2.042	2.621	3.097	3.261	2.560	2.179	---	23
24	---	1.454	1.314	1.204	1.436	2.060	2.646	---	3.267	2.551	2.149	---	24
25	---	---	---	---	1.478	2.079	2.682	---	3.274	2.539	2.164	---	25
26	---	---	---	---	1.509	2.109	2.707	---	3.280	2.530	2.149	---	26
27	1.530	1.411	1.305	---	1.530	2.131	2.728	---	3.005	2.524	2.143	---	27
28	---	---	---	1.210	1.554	2.158	2.755	3.109	2.957	2.515	2.134	---	28
29	---		---	---	1.570	2.167	2.774	---	2.926	2.509	2.118	1.783	29
30	1.518		---	---	1.579	2.188	2.795	---	2.926	2.493	2.103	1.768E	30
31	---		1.283		1.615		2.816	---		2.460		1.753E	31
MEAN	---	---	---	---	---	1.903	---	---	3.171	---	2.187	---	MEAN
MAX	---	---	---	---	---	2.188	---	---	3.298	---	2.332	---	MAX
MIN	---	---	---	---	---	1.640	---	---	2.926	---	2.103	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 3.298 ON SEP 14
MINIMUM DAILY, 1.189 ON APR 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 59 34 30 N
LONG 133 42 31 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 665.903 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

ATLIN RIVER NEAR ATLIN - STATION NO. 09AA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.2E	57.8E	47.6E	37.9E	32.0	69.1	131	226	279	239E	145	112	1
2	70.8	57.8E	46.7E	37.7E	32.3E	69.9	133	229	278	236E	146	110	2
3	69.7E	57.6	45.9	37.2	32.6E	71.4	136	231	276	234E	148	111	3
4	68.5E	57.2E	46.2E	36.2E	32.6E	72.5	138	233	275	232	146	110	4
5	67.4E	56.6E	46.2E	35.7E	32.9	75.0	139E	236	269	229	142	108	5
6	66.3	56.1	46.4	34.8E	32.8E	76.2	140E	240E	270	225	141	107	6
7	65.1E	55.5E	46.2E	33.9	33.1E	79.6	140	244	272	223	139	106	7
8	63.7E	54.9E	46.2E	33.7E	33.1	80.7	141	250E	286	215	142	106	8
9	62.6	54.1E	45.9E	33.4E	33.7E	82.4	142	256E	293	210	126	104	9
10	62.6E	53.5	45.9	33.1	34.2	83.8	143	262	297	209	125	103	10
11	62.9E	53.2E	46.4E	32.8E	34.9	86.3	145	267	280	207	124	103	11
12	62.9E	52.7E	46.7E	32.8E	35.4	87.6	147	268E	300	205	123	101	12
13	62.9	52.2	47.1	32.6E	36.4	88.5	148	269	304	199	122	103	13
14	63.1E	52.7E	45.9E	32.5	37.0	89.4	149	271	310	198	118	94.4	14
15	63.1E	53.0E	44.7E	32.0E	38.2	90.4	150	272E	303	197	127	93.4E	15
16	63.4	53.2E	43.6E	31.7E	40.8	93.2	159	273E	297	195	125	92.6E	16
17	63.1E	53.5	42.3	31.3	42.1	95.0	161	274	296	194	123	91.6	17
18	62.9E	53.2E	42.2E	31.1E	43.6	96.9	166	276	297	192	121	90.0E	18
19	62.6E	52.7E	41.9E	31.1E	44.9	104	173	276	298	190	121	88.6E	19
20	62.3	52.2	41.8	30.9E	45.4	106	178	275E	301	188	119	86.9	20
21	61.7E	52.4E	41.6E	30.9	46.4	108	182	274E	302	185	118	85.4	21
22	61.2E	52.4E	41.3E	31.1E	48.4	109	185	273E	302	183	131	85.0E	22
23	60.4	52.7E	41.3E	31.7E	50.5	110	190	272	303	181	127	84.7E	23
24	60.0E	52.8	41.0	32.0	51.2	112	194	273E	304	180	123	84.4E	24
25	59.7E	51.5E	40.8E	32.0E	54.8	114	200	273E	305	178	125	83.8E	25
26	59.5E	50.4E	40.5E	32.3E	57.3	118	204	274E	306	176	123	83.5E	26
27	59.1	49.2	40.3	32.3E	59.1	121	208	274E	255	176	123	83.3E	27
28	58.9E	48.4E	39.9E	32.5	61.2	125	212	275	246	174	121	82.7E	28
29	58.3E		39.4E	32.3E	62.6	126	215	276E	241	173	119	82.4	29
30	58.1		38.8E	32.3E	63.4	129	219	277E	241	171	118	81.0E	30
31	58.0E		38.5		66.8		222	278E		166		79.6E	31
TOTAL	1 953.0	1 499.5	1 349.2	991.8	1 349.7	2 869.9	5 190	8 147	8 586	6 160	3 851	2 937.3	TOTAL
MEAN	63.0	53.6	43.5	33.1	43.5	95.7	167	263	286	199	128	94.8	MEAN
MAX	72.2	57.8	47.6	37.9	66.8	129	222	278	310	239	148	112	MAX
MIN	58.0	48.4	38.5	30.9	32.0	69.1	131	226	241	166	118	79.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 123
MAXIMUM DAILY, 310 ON SEP 14
MINIMUM DAILY, 30.9E ON APR 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 59 35 57 N
LONG 133 48 48 W
DRAINAGE AREA, 6 810 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	169 000	JUL	448 000
FEB	130 000	AUG	704 000
MAR	117 000	SEP	742 000
APR	85 700	OCT	532 000
MAY	117 000	NOV	333 000
JUN	248 000	DEC	254 000

TOTAL DISCHARGE, 3 880 000 dam³

ATNARKO RIVER NEAR THE MOUTH - STATION NO. 08FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.5E	15.7E	13.3 A	10.5	28.4	99.9	58.6	32.1	17.4	21.8	18.9	12.9	1
2	37.5E	14.3E	13.0	10.6	26.8	94.5	62.4	30.5	16.5	15.0	20.3	12.9	2
3	35.8E	13.9E	12.9	10.4	25.0	93.1	68.6	29.5	15.9	13.2	21.1	12.6	3
4	33.5E	13.6E	12.6	10.3	24.8	86.5	62.0	28.1	16.4	12.5	19.1	12.5	4
5	31.9A	13.3E	12.3	10.7	27.6	84.0	56.7	27.1	16.4	12.1	18.3	12.5	5
6	30.5E	13.1E	12.4	10.5	33.3	81.9	54.3	27.0	16.0	11.8	17.8	12.4	6
7	29.4A	13.0E	12.0	10.2	35.1	71.7	49.2	27.1	16.2	11.5	17.1	11.9	7
8	28.0E	12.9E	11.9	10.1	35.8	65.0	45.2	27.0	15.9	11.4	16.8	11.4	8
9	26.5E	12.8E	11.6	10.2	39.3	64.0	42.8	27.0	16.3	11.0	16.9	11.5	9
10	25.0E	12.7E	11.6	10.1	37.4	67.6	42.1	27.5	16.2	10.6	16.7	11.7	10
11	24.1E	12.7E	11.4	10.2	34.9	72.8	41.1	27.5	15.4	10.6	19.7	11.5	11
12	23.0E	12.8E	11.3	9.91	38.1	70.5	42.8	27.0	15.0	10.1	22.4	11.4	12
13	21.6E	13.0E	11.2	9.74	45.2	68.2	43.4	26.3	14.7	9.88	20.9	11.0	13
14	20.9E	13.5E	11.2	9.63	55.8	70.2	43.1	26.0	14.4	9.83	20.1	10.8	14
15	20.0E	14.3E	11.1	9.55	61.9	67.2	43.7	24.9	14.5	9.74	19.5	10.7	15
16	18.9E	15.0E	11.0	9.77	61.8	61.0	45.0	23.9	14.3	10.2	19.2	10.6	16
17	18.1E	15.3E	10.9	9.80	67.5	56.0	45.5	23.2	14.3	10.2	18.1	10.3	17
18	18.2E	15.6E	10.7	9.86	69.1	56.1	48.4	22.5	14.6	9.82	18.0	10.4	18
19	20.0E	15.9E	10.5	10.2	93.1	56.3	49.2	22.0	14.1	9.70	17.9	10.6	19
20	22.2E	16.0E	10.4	10.8	113	56.7	48.0	21.4	13.5	9.30	16.9	10.5	20
21	23.2E	15.8E	10.4	11.5	121	54.0	45.7	20.9	13.2	8.95	16.0	10 2	21
22	23.0E	15.7E	10.4	12.5	110	53.8	43.6	20.3	13.0	9.04	15.4	9.97	22
23	22.1E	15.2E	10.1	16.9	101	56.3	43.8	20.2	12.6	9.13	14.8	9.77	23
24	21.0E	14.9E	10.2	21.6	113	57.8	47.0	19.8	12.2	8.96	14.2	9.70	24
25	19.7E	14.4E	10.1	19.9	147	58.2	44.0	19.9	11.9	9.16	13.9	9.96	25
26	18.7E	14.1E	9.91	18.3	124	58.3	43.7	19.1	11.4	8.95	13.6	9.96	26
27	17.6E	13.8E	9.90	17.9	108	55.1	41.7	18.4	11.0	9.04	12.5	9.64	27
28	16.9E	13.6E	10.3	18.2	107	53.0	39.0	17.8	10.7	8.94	12.8	9.63	28
29	16.1E		10.8	19.7	111	56.7	36.7	17.8	10.3	8.97	12.8	9.35B	29
30	15.6E		10.7	21.9	113	60.8	35.4	17.4	11.1	9.36	12.6	9.20B	30
31	15.1E		10.7		106		33.8	17.0		22.9		9.10B	31
TOTAL	734.2	395.9	346.81	381.46	2 214.9	2 007.2	1 446.5	736.2	425.8	343.67	514 3	336.58	TOTAL
MEAN	23.7	14.1	11.2	12.7	71.4	66.9	46.7	23.7	14.2	11.1	17.1	10.9	MEAN
MAX	40.5	16.0	13.3	21.9	147	99.9	68.6	32.1	17.4	22.9	22.4	12.9	MAX
MIN	15.1	12.7	9.90	9.55	24.8	53.0	33.8	17.0	10.3	8.94	12.5	9.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.1
MAXIMUM DAILY, 147 ON MAY 25
MINIMUM DAILY, 8.94 ON OCT 28
MAXIMUM INSTANTANEOUS,
155 AT 09:19 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 24 N
LONG 126 00 10 W
DRAINAGE AREA, 2 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	63 400	JUL	125 000
FEB	34 200	AUG	63 600
MAR	30 000	SEP	36 800
APR	33 000	OCT	29 700
MAY	191 000	NOV	44 400
JUN	173 000	DEC	29 100

TOTAL DISCHARGE, 853 000 dam³

AVERILL CREEK NEAR DUNCAN - STATION NO. 08HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.227	0.145	0.051	0.035	0.004	0.004	---	---	---	1
2	---	---	---	0.185	0.133	0.047	0.035	0.012	0.004	---	---	---	2
3	---	---	---	0.157	0.171	0.051	0.033	0.012	0.004	---	---	---	3
4	---	---	---	0.157	0.199	0.055	0.033	0.012	0.005	---	---	---	4
5	---	---	---	0.367	0.157	0.059	0.030	0.014	0.006	---	---	---	5
6	---	---	---	0.255	0.262	0.051	0.025	0.012	0.005	---	---	---	6
7	---	---	---	0.227	0.199	0.101	0.025	0.010	0.004	---	---	---	7
8	---	---	---	0.227	0.157	0.101	0.023	0.008	0.004	---	---	---	8
9	---	---	---	0.185	0.145	0.081	0.020	0.007	0.005	---	---	---	9
10	---	---	---	0.171	0.133	0.067	0.020	0.006	0.005	---	---	---	10
11	---	---	---	0.325	0.127	0.055	0.018	0.008	0.005	---	---	---	11
12	---	---	---	0.535	0.121	0.053E	0.016	0.008	0.005	---	---	---	12
13	---	---	---	0.311	0.111	0.051	0.020	0.008	0.004	---	---	---	13
14	---	---	---	0.265	0.101	0.047	0.018	0.008	0.004	---	---	---	14
15	---	---	---	0.206	0.101	0.063	0.016	0.008	0.006	---	---	---	15
16	---	---	---	0.185	0.091	0.055	0.016	0.001	0.003	---	---	---	16
17	---	---	---	0.164	0.091	0.047	0.007	0.002	0.004	---	---	---	17
18	---	---	---	0.157	0.086	0.367	0.006	0.003	0.006	---	---	---	18
19	---	---	0.109	0.133	0.091	0.101	0.014	0.001	0.005	---	---	---	19
20	---	---	---	0.127	0.086	0.091	0.016	0.002	0.006	---	---	---	20
21	---	---	---	0.133	0.081	0.101	0.016	0.002	0.025	---	---	---	21
22	---	---	---	0.164	0.071	0.086	0.010	0.003	0.101	---	---	---	22
23	---	---	---	0.139	0.067	0.081	0.008	0.001	---	---	---	---	23
24	---	---	---	0.127	0.086	0.067	0.006	0.003	---	---	---	---	24
25	---	---	---	0.121	0.227	0.055	0.004	0.005	---	---	---	---	25
26	---	---	---	0.111	0.086	0.055	0.004	0.005	---	---	---	---	26
27	---	---	---	0.199	0.071	0.047	0.004	0.004	---	---	---	---	27
28	---	---	---	0.227	0.067	0.047	0.004	0.004	---	---	---	---	28
29	---		---	0.199	0.071	0.044	0.004	0.003	---	---	---	---	29
30	---		---	0.157	0.063	0.041	0.004E	0.003	---	---	---	---	30
31	---		---		0.055		0.004	0.038		---		---	31
TOTAL	---	---	---	6.143	3.652	2.218	0.494	0.217	---	---	---	---	TOTAL
MEAN	---	---	---	0.205	0.118	0.074	0.016	0.007	---	---	---	---	MEAN
MAX	---	---	---	0.535	0.262	0.367	0.035	0.038	---	---	---	---	MAX
MIN	---	---	---	0.111	0.055	0.041	0.004	0.001	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 50 N
LONG 123 42 48 W
DRAINAGE AREA, 17.1 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	42.7
FEB	---	AUG	18.7
MAR	---	SEP	---
APR	531	OCT	---
MAY	316	NOV	---
JUN	192	DEC	---

B.X. CREEK ABOVE VERNON INTAKE - STATION NO. 08NM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.099	0.097	0.172	0.353	0.845	1.39	0.695A	0.285	0.149	0.087	0.102	0.068	1
2	0.092	0.095A	0.169	0.333	0.841	1.11	0.555A	0.253	0.129	0.121	0.101	0.072	2
3	0.092	0.102A	0.170	0.309	0.785	1.03	0.500A	0.235	0.082	0.073	0.092	0.064	3
4	0.089	0.089A	0.223	0.283	0.767	0.965	0.473A	0.221	0.076	0.064	0.085	0.066	4
5	0.089	0.063A	0.195	0.291	0.761	0.889	0.446A	0.198	0.070	0.059	0.079	0.080	5
6	0.091	0.110A	0.177	0.271	0.732	0.929A	0.422A	0.177	0.063	0.081	0.077	0.078	6
7	0.089	0.102A	0.170	0.262	0.718	0.780A	0.620A	0.164	0.059	0.105	0.077	0.072	7
8	0.088	0.110A	0.160	0.263	0.713	0.780A	0.656A	0.152	0.059	0.088	0.072	0.069	8
9	0.087	0.110A	0.158	0.255	0.740	0.872A	0.555A	0.140	0.077	0.106	0.070	0.069	9
10	0.084	0.099E	0.160	0.243	0.751	1.05 A	0.555A	0.130	0.075	0.090	0.070	0.073	10
11	0.066	0.089A	0.167	0.243	0.763	0.929A	0.570	0.120	0.073	0.079	0.070	0.068	11
12	0.076	0.095A	0.174	0.235	0.799	0.823A	0.513	0.110	0.069	0.078	0.081	0.036	12
13	0.086	0.102A	0.188	0.222	0.834	1.05 A	0.514	0.103	0.068	0.070	0.075	0.040A	13
14	0.087	0.102A	0.197	0.221	0.872	0.929A	0.560	0.110	0.067	0.068	0.073	0.069A	14
15	0.087	0.102A	0.215	0.227	1.16	0.823A	0.529	0.131	0.066	0.068	0.071	0.069A	15
16	0.086	0.125A	0.314	0.238	1.36	0.929A	0.536	0.127	0.064	0.069	0.071	0.069A	16
17	0.085	0.125A	0.299	0.249	1.30	0.872A	0.525	0.123	0.061	0.069	0.071	0.051A	17
18	0.086	0.132A	0.269	0.270	1.38	0.823A	0.504	0.117	0.059	0.066	0.076	0.057A	18
19	0.086	0.164A	0.255	0.317	1.67	1.20 A	0.473	0.114	0.093	0.064	0.075	0.069A	19
20	0.086	0.156A	0.253	0.364	1.99	1.05 A	0.478	0.120	0.084	0.060	0.076	0.069A	20
21	0.081	0.147	0.244	0.372	2.65	0.987A	0.458	0.115	0.083	0.057	0.085	0.063A	21
22	0.113	0.147	0.245	0.437	2.12	0.929A	0.434	0.109	0.078	0.056	0.082	0.051A	22
23	0.178	0.148	0.244	0.509	1.81	0.987A	0.429	0.104	0.077	0.057	0.077	0.063A	23
24	0.207	0.152	0.235	0.730	1.64	0.872A	0.458	0.096	0.078	0.056	0.075	0.057A	24
25	0.173	0.259	0.252	0.622	2.25	0.780A	0.436	0.093	0.082	0.057	0.069	0.057A	25
26	0.158	0.236	0.265	0.568	2.30	0.737A	0.397	0.093	0.077	0.057	0.072	0.057A	26
27	0.148	0.197	0.273	0.560	1.63	0.656A	0.366	0.099	0.074	0.060	0.068	0.057A	27
28	0.142	0.180	0.278	0.561	1.29	0.656A	0.339	0.099	0.105	0.077	0.066	0.057A	28
29	0.137		0.317	0.573	1.11	0.620A	0.331	0.115	0.090	0.085	0.066	0.057A	29
30	0.132		0.324	0.683	1.11	0.555A	0.324	0.131	0.084	0.082	0.066	0.057A	30
31	0.123		0.331		1.59		0.308	0.111		0.087		0.057A	31
TOTAL	3.323	3.635	7.093	11.064	39.281	27.002	14.959	4.295	2.371	2.292	2.290	1.941	TOTAL
MEAN	0.107	0.130	0.229	0.369	1.27	0.900	0.483	0.139	0.079	0.074	0.076	0.063	MEAN
MAX	0.207	0.259	0.331	0.730	2.65	1.39	0.695	0.285	0.149	0.121	0.102	0.080	MAX
MIN	0.066	0.063	0.158	0.221	0.713	0.555	0.308	0.093	0.059	0.056	0.066	0.036	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.328
MAXIMUM DAILY, 2.65 ON MAY 21
MINIMUM DAILY, 0.036 ON DEC 12
MAXIMUM INSTANTANEOUS,
3.47 AT 19:30 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 03 N
LONG 119 12 30 W
DRAINAGE AREA, 55.7 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	287	JUL	1 290
FEB	314	AUG	371
MAR	613	SEP	205
APR	956	OCT	198
MAY	3 390	NOV	198
JUN	2 330	DEC	168

TOTAL DISCHARGE, 10 300 dam³

BABINE LAKE AT TOPLEY LANDING - STATION NO. 08EC003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.908	1.981	1.859	1.463	1.158	0.969	---	---	1
2	---	0.838	0.808	0.777	---	1.996	1.844	1.448	1.146	0.963	0.884	0.838	2
3	---	---	---	---	0.951	1.996	1.835	1.439	1.146	0.960	---	0.838	3
4	---	---	---	---	---	1.996	1.823	1.408	1.143	0.957	---	---	4
5	0.869	0.823	0.808	---	0.991	---	1.814	1.414	1.134	0.951	0.899	---	5
6	---	---	---	0.780	---	---	1.798	1.402	1.122	0.945	---	---	6
7	---	---	---	---	1.052	1.981	1.783	1.396	1.116	0.945	---	0.829	7
8	0.866	---	---	---	1.091	1.981	1.774	1.387	1.113	0.945	---	---	8
9	---	0.817	0.799	0.780	1.143	---	1.753	1.372	1.103	0.951	0.878	---	9
10	---	---	---	---	1.183	1.966	1.737	1.366	1.091	0.957	---	---	10
11	---	---	---	---	1.231	1.966	1.713	1.353	1.085	0.957	---	0.808	11
12	0.866	0.811	0.799	---	1.280	1.966	1.707	1.335	1.070	0.951	0.884	---	12
13	---	---	---	0.792	1.311	1.984	1.695	1.326	1.067	0.945	---	---	13
14	---	---	---	---	1.366	1.975	1.682	1.311	1.055	0.939	---	---	14
15	0.860	---	---	---	1.396	1.981	1.676	1.298	1.052	0.933	---	0.808	15
16	---	0.817	0.792	0.799	1.448	1.981	1.664	1.292	1.049	0.933	0.878	---	16
17	---	---	---	---	1.509	1.975	1.652	1.280	1.042	0.927	---	---	17
18	---	---	---	0.792	1.539	1.963	1.640	1.274	1.036	0.927	---	0.799	18
19	0.860	0.817	0.786	---	1.573	1.957	1.631	1.262	1.030	0.920	0.869	---	19
20	---	---	---	0.786	1.609	1.957	1.622	1.250	1.024	---	---	---	20
21	---	---	---	---	1.646	1.951	1.600	1.234	1.018	0.914	---	0.805	21
22	0.847	---	---	0.792	1.676	1.951	1.585	1.219	1.018	---	---	---	22
23	---	0.811	0.786	0.799	1.713	1.951	1.570	1.213	1.012	0.905	0.869	---	23
24	---	---	---	---	1.743	1.935	1.554	1.207	1.000	---	---	0.805	24
25	---	---	---	---	1.786	1.935	1.539	1.207	0.991	---	---	---	25
26	0.853	0.808	0.777	---	---	1.920	1.530	1.204	---	---	0.853	---	26
27	---	---	---	0.841	1.835	---	1.524	1.195	---	0.884	---	---	27
28	---	---	---	---	1.884	1.899	1.512	1.189	0.975	---	---	---	28
29	0.847		---	0.869	1.905	1.890	1.475	1.183	0.975	---	---	0.786	29
30	---		0.777	---	1.942	1.875	1.487	1.173	---	0.869	---	---	30
31	---		---		1.957		1.478	1.164		---		0.777	31
MEAN	---	---	---	---	---	---	1.663	1.299	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	1.859	1.463	---	---	---	---	MAX
MIN	---	---	---	---	---	---	1.475	1.164	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.996 ON JUN 2
MINIMUM DAILY, 0.777 ON MAR 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 48 35 N
LONG 126 08 20 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 709.523 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

BABINE RIVER AT BABINE - STATION NO. 08EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.5	22.2B	20.0B	19.4	28.1	121	109	71.0	46.0	31.6	25.2	24.2	1
2	24.5	22.1B	19.9B	19.5	29.6	123	109	70.2	45.7	30.6	25.5	23.0	2
3	24.4	22.0B	19.9B	19.2	31.1	124	106	69.4	44.9	29.8	26.0	22.4	3
4	24.0	21.9B	19.8B	19.8	32.3	124	105	68.6	44.4	29.4	27.0	22.1	4
5	23.8	21.8B	19.8B	19.6	34.0	123	103	67.4	44.4	29.6	26.9	22.4	5
6	24.1	21.7B	19.7B	19.3	36.2	124	101	65.8	44.5	28.7	24.6	22.3	6
7	24.6	21.6B	19.6B	19.5	38.7	122	99.9A	64.8	43.5	29.9	25.0	21.9	7
8	24.4	21.5B	19.5B	19.6	41.8	121	98.8	63.9	43.8	30.0	25.5	22.1	8
9	24.7	21.4B	19.4B	19.6	47.3	120	97.6	62.4	42.9	29.9	25.1	22.1	9
10	24.8	21.3B	19.3B	19.2	51.2	119	96.7	61.4	42.4	29.5	24.8	22.5	10
11	24.3	21.3B	19.4B	18.8	53.9	119	95.1	59.7	40.4	29.2	25.6	22.6	11
12	23.8	21.2B	19.4B	19.6	57.0	120	94.0	58.9	38.6	28.9	25.2	22.6	12
13	23.9	21.2B	19.5B	20.2	60.5	120	92.3	58.0	38.0	28.2	24.6	22.6	13
14	23.4	21.1B	19.5B	20.6	63.7	121	91.6	57.1	38.4	28.4	24.2	22.6	14
15	22.1	21.0B	19.6B	20.1	68.5	121	91.5	56.6	38.5	28.8	24.9	22.6	15
16	22.1	21.0B	19.5	20.4	73.3	120	90.2	55.3	36.8	28.0	24.8	22.7	16
17	22.0	21.0B	19.5	19.8	76.6	119	88.6	54.5	36.9	28.5	24.6	22.7	17
18	22.0	20.9B	19.5	19.7	79.7	120	87.1	54.2	36.8	27.7	25.2	22.8	18
19	21.7	20.9B	19.4	19.9	82.4	120	84.7	54.3	35.9	26.9	25.2	22.0	19
20	22.6	20.9B	19.4	20.3	86.2	119	82.6	54.1	35.2	26.8	25.0	20.9	20
21	23.2	20.8B	19.5	20.2	90.5	118	81.9	54.0	34.5	26.8	25.1	20.8	21
22	23.7	20.7B	19.0	20.5	93.4	118	80.7	51.9	35.0	26.4	25.1	20.9	22
23	22.9	20.6B	19.0	21.0	96.4	116	80.3	50.3	34.3	26.0	24.5	20.9	23
24	22.6	20.5B	19.1	22.0	100	115	79.7	49.8	33.4	26.0	24.4	20.5A	24
25	22.7	20.4B	19.0	22.2	103	114	77.6	50.5	33.1	25.8	24.1	20.5B	25
26	23.1	20.3B	19.1	22.8	108	113	76.4	49.5	32.7	26.5	23.2	20.4B	26
27	23.0	20.2B	19.2	23.7	110	111	75.2	49.0	32.5	25.7	23.7	20.3B	27
28	22.8	20.1B	19.5	24.7	113	112	74.3	49.0	32.9	26.3	24.6	20.2B	28
29	22.7		18.8	25.4	115	112	73.8	47.8	33.1	25.9	23.5	20.1B	29
30	22.5B		19.0	26.9	118	109	72.5	47.0	35.1	27.3	24.4	20.1B	30
31	22.3B		19.1		120		71.2	47.2		25.8		20.0B	31
TOTAL	723.2	591.6	601.9	623.5	2 239.4	3 558	2 767.3	1 773.6	1 154.6	868.9	747.5	673.8	TOTAL
MEAN	23.3	21.1	19.4	20.8	72.2	119	89.3	57.2	38.5	28.0	24.9	21.7	MEAN
MAX	24.8	22.2	20.0	26.9	120	124	109	71.0	46.0	31.6	27.0	24.2	MAX
MIN	21.7	20.1	18.8	18.8	28.1	109	71.2	47.0	32.5	25.7	23.2	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.7
MAXIMUM DAILY, 124 ON JUN 3
MINIMUM DAILY, 18.8 ON MAR 29
MAXIMUM INSTANTANEOUS,
127 AT 20:21 PST ON JUN 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 25 N
LONG 126 37 40 W
DRAINAGE AREA, 6 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	62 500	JUL	239 000
FEB	51 100	AUG	153 000
MAR	52 000	SEP	99 800
APR	53 900	OCT	75 100
MAY	193 000	NOV	64 600
JUN	307 000	DEC	58 200

TOTAL DISCHARGE, 1 410 000 dam³

BABINE RIVER AT OUTLET OF NILKITKWA LAKE - STATION NO. 08EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.5	23.5	21.3	21.0	44.3	150	125	72.7	46.6	36.3E	27.9E	25.9E	1
2	26.4	23.4	21.5	21.3	45.2	150	126	71.7	46.0	33.0E	28.2E	24.8E	2
3	26.3	23.4	21.6	21.2	45.5	151	125	70.2	45.7	32.0E	29.5E	24.0E	3
4	26.0	23.2	21.2	21.5	46.2	150	122	69.2	45.5	31.3E	31.0E	23.2E	4
5	25.8	22.9	21.1	21.5	47.7	147	120	68.2	45.2	30.5E	32.0E	23.0E	5
6	25.9	22.7	21.1	21.1	51.2	149	117	66.7	45.9	30.7E	29.5E	23.0E	6
7	25.9	22.3	20.9	21.1	54.9	145	114	65.6	45.6	31.1A	28.0E	22.9E	7
8	26.0	22.0	21.0	21.3	60.3	142	111	64.1	44.9	31.8	27.2E	22.9E	8
9	26.1	21.9	20.9	21.5	73.1	140	109	62.4	44.4	32.4	27.0E	23.1E	9
10	26.1	21.9	21.0	21.4	73.8	138	107	60.9	43.5	31.9	27.0E	23.4E	10
11	25.8	22.0	20.8	21.1	71.4	140	105	59.4	42.6	31.3	27.0E	23.8E	11
12	25.6	21.8	20.9	21.4	71.9	143	105	57.7	40.8	31.5A	26.9E	23.3E	12
13	25.5	22.0	20.8	21.7	74.2	143	104	56.8	39.3	30.6E	26.6E	23.3E	13
14	25.0	22.0	20.8	22.4	80.9	143	104	56.1	39.1	30.0E	26.2E	23.2E	14
15	24.6	23.0	20.8	21.9	93.9	143	103	55.3	39.2A	29.5E	26.0E	23.1E	15
16	24.5	22.4	20.6	22.3	96.4	141	101	54.6	38.5E	29.1E	26.2E	23.1E	16
17	24.3	22.3	20.4	22.2	98.4	138	98.1	53.7	38.1E	28.9E	26.4E	23.2E	17
18	24.3	22.6	20.3	22.2	99.8	138	95.6	53.1	37.9E	28.7E	26.5E	23.3E	18
19	24.4	22.1	20.2	22.7	103	139	92.8	53.2	37.8E	28.6E	26.5E	23.0E	19
20	24.2	22.6	20.4	23.9	108	137	89.4	52.6	37.0E	28.6E	26.5E	22.3E	20
21	24.5	23.0	20.6	24.5	114	135	87.4	52.0	36.2E	28.5E	26.4E	21.9E	21
22	25.1	22.7	20.3	25.4	117	134	85.7	50.8	36.5E	28.4E	26.3E	21.8E	22
23	25.2	21.7	20.1	26.5	120	133	84.9	50.1	36.8E	28.3E	26.2E	21.8E	23
24	25.0	21.7	20.2	28.8	126	131	84.2	49.8	36.3E	28.1E	26.0E	21.8E	24
25	24.7	21.8	20.1	30.2	133	130	81.7	51.0	35.7E	28.0E	25.6E	21.8E	25
26	24.6	21.5	20.1	31.2	143	128	79.7	50.5	35.3E	27.9E	25.2E	21.7E	26
27	24.6	21.4	20.2	33.1	145	126	78.2	50.1	35.4E	27.9E	25.0E	21.6E	27
28	24.2	21.4	20.8	35.9	144	126	77.4	49.0	35.8E	27.9E	25.5E	21.5E	28
29	23.8		20.5	38.6	145	127	76.2	48.0	37.0E	28.0E	25.9E	21.4E	29
30	23.4		20.6	41.5	149	124	75.3	47.4	38.2E	28.1E	26.4E	21.3E	30
31	23.5		20.8		150		74.0	47.0		28.0E		21.2E	31
TOTAL	777.8	626.0	641.9	750.4	2 926.1	4 161	3 058.6	1 769.9	1 206.8	926.9	810.6	705.2	TOTAL
MEAN	25.1	22.4	20.7	25.0	94.4	139	98.7	57.1	40.2	29.9	27.0	22.7	MEAN
MAX	26.5	23.5	21.6	41.5	150	151	126	72.7	46.6	36.3	32.0	25.9	MAX
MIN	23.4	21.4	20.1	21.0	44.3	124	74.0	47.0	35.3	27.9	25.0	21.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.3
MAXIMUM DAILY, 151 ON JUN 3
MINIMUM DAILY, 20.1 ON MAR 23
MAXIMUM INSTANTANEOUS,
152 AT 08:53 PST ON JUN 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 30 N
LONG 126 42 10 W
DRAINAGE AREA, 6 790 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 200	JUL	264 000
FEB	54 100	AUG	153 000
MAR	55 500	SEP	104 000
APR	64 800	OCT	80 100
MAY	253 000	NOV	70 000
JUN	360 000	DEC	60 900

TOTAL DISCHARGE, 1 590 000 dam³

BAEZAEKO RIVER AT LOT 10262 - STATION NO. 08KG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01 B	0.895B	1.05 B	1.32B	3.37	4.47	3.50E	2.90E	1.41	1.59	1.75	0.992B	1
2	0.980B	0.880B	1.02 B	1.32B	3.97	3.92	3.22E	2.80E	1.45	1.55	1.83	0.945B	2
3	0.970B	0.870B	1.00 B	1.30B	3.21	3.70	3.15E	2.57E	1.51	1.54	1.82	0.930B	3
4	0.955B	0.865B	0.990B	1.25B	2.81	3.60	2.90E	2.40E	1.61	1.52	1.56	0.900B	4
5	0.945B	0.855B	0.970B	1.22B	2.62	3.56	2.75E	2.83A	1.64	1.53	1.70	0.875B	5
6	0.943B	0.845B	0.975B	1.20B	2.65	3.32	2.60E	2.00	1.63	1.53	1.71	0.855B	6
7	0.940B	0.820B	0.980B	1.19B	2.64	3.13	2.50E	1.89	1.55	1.54	1.71	0.830B	7
8	0.940B	0.800B	0.995B	1.18B	2.56	3.18	2.40E	1.81	1.46	1.58	1.71	0.812B	8
9	0.940B	0.765B	1.01 B	1.17B	2.44	3.78	2.32E	1.73	1.41	1.60	1.69	0.795B	9
10	0.935B	0.735B	1.02 B	1.17B	2.34	5.37	2.28E	1.64	1.38	1.65	1.66	0.785B	10
11	0.920B	0.711B	1.03 B	1.17B	2.29	6.69	2.21E	1.59	1.35	1.69	1.68	0.765B	11
12	0.910B	0.700B	1.06 B	1.18B	2.28	7.79	2.19E	1.51	1.32	1.72	1.77	0.760B	12
13	0.900B	0.695B	1.08 B	1.20B	2.29	7.20E	2.18E	1.49	1.32	1.71	1.75	0.742B	13
14	0.890B	0.710B	1.10 B	1.24B	2.27	6.50E	2.13E	1.45	1.32	1.69	1.78B	0.734B	14
15	0.875B	0.780B	1.13 B	1.29B	2.48	6.25E	2.12E	1.42	1.35	1.69	1.70B	0.725B	15
16	0.865B	0.825B	1.16 B	1.45B	2.90	5.87E	2.14E	1.39	1.34	1.71	1.64B	0.721B	16
17	0.850B	0.845B	1.17 B	1.60B	3.59	5.40E	2.19E	1.35	1.31	1.72	1.58B	0.718B	17
18	0.850B	0.900B	1.17 B	1.70B	3.41	5.15E	2.27E	1.31	1.29	1.68	1.52B	0.710B	18
19	0.860B	0.950B	1.16 B	1.67B	3.15	5.60E	2.38E	1.31	1.37	1.66	1.48B	0.707B	19
20	0.900B	1.00 B	1.14 B	1.65B	3.16	6.25E	2.47E	1.30	1.46	1.62	1.40B	0.700B	20
21	0.945B	1.06 B	1.11 B	1.68B	3.48	6.90E	2.40E	1.31	1.48	1.59	1.35B	0.698B	21
22	0.990B	1.10 B	1.72 B	1.80B	4.17	7.60E	2.40E	1.30	1.51	1.57	1.31B	0.696B	22
23	1.01 B	1.12 B	1.80 B	2.35B	4.14	8.50E	2.50E	1.31	1.62	1.57	1.26B	0.694B	23
24	1.02 B	1.15 B	2.00 B	4.00B	3.60	9.60E	2.30E	1.29	1.85	1.56	1.22B	0.692B	24
25	1.01 B	1.14 B	2.20 B	3.60B	3.45	7.95E	2.25E	1.29	1.95	1.59	1.19B	0.690B	25
26	0.975B	1.12 B	2.49 B	3.15B	4.89	6.30E	2.22E	1.29	1.84	1.58	1.15B	0.686B	26
27	0.960B	1.10 B	2.80 B	3.00B	6.62	5.80E	2.26E	1.31	1.71	1.53	1.12B	0.684B	27
28	0.955B	1.08 B	1.16 B	2.58	6.65	5.00E	2.31E	1.32	1.67	1.56	1.08B	0.680B	28
29	0.940B		1.20 B	2.43	5.44	4.30E	2.39E	1.36	1.65	1.60	1.04B	0.684B	29
30	0.925B		1.29 B	2.50	4.63	3.75E	2.53E	1.46	1.60	1.47	1.02B	0.690B	30
31	0.910B		1.33 B		4.85		2.80E	1.44		1.57		0.695B	31
TOTAL	29.018	25.316	40.310	53.56	108.35	166.43	76.26	51.37	45.36	49.71	45.18	23.590	TOTAL
MEAN	0.936	0.904	1.30	1.79	3.50	5.55	2.46	1.66	1.51	1.60	1.51	0.761	MEAN
MAX	1.02	1.15	2.80	4.00	6.65	9.60	3.50	2.90	1.95	1.72	1.83	0.992	MAX
MIN	0.850	0.695	0.970	1.17	2.27	3.13	2.12	1.29	1.29	1.47	1.02	0.680	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.96
MAXIMUM DAILY, 9.60E ON JUN 24
MINIMUM DAILY, 0.680B ON DEC 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 10 N
LONG 123 48 10 W
DRAINAGE AREA, 992 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 510	JUL	6 590
FEB	2 190	AUG	4 440
MAR	3 480	SEP	3 920
APR	4 630	OCT	4 290
MAY	9 360	NOV	3 900
JUN	14 400	DEC	2 040

TOTAL DISCHARGE, 61 800 dam³

BAKER CREEK AT QUESNEL - STATION NO. 08KE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42B	1.39B	2.58B	4.69	10.7	20.8	9.29	6.74	0.801	0.783	1.12	1.16 B	1
2	1.40B	1.36B	2.51B	4.40	11.9	17.6	7.96	6.50	0.820	0.765	1.16	1.20 B	2
3	1.37B	1.33B	2.44B	4.05	12.7	15.1	7.45	6.11	0.875	0.765	1.16	1.16 B	3
4	1.33B	1.30B	2.41B	3.70	12.0	14.5	7.29	5.87	0.949	0.731	1.21	1.14 B	4
5	1.32B	1.27B	2.39B	3.49	11.6	13.2	7.14	5.50	0.991	0.748	1.19	1.13 B	5
6	1.30B	1.25B	2.39B	3.22	11.3	11.8	7.53	4.19	1.05	0.783	1.26	1.13 B	6
7	1.29B	1.20B	2.41B	3.63	10.5	10.0	5.58	3.43	0.970	0.748	1.26	1.10 B	7
8	1.27B	1.18B	2.44B	3.77	9.92	8.56	3.56	2.75	0.991	0.765	1.23	1.08 B	8
9	1.26B	1.16B	2.48B	3.91	9.65	8.74	4.84	2.13	0.991	0.765	1.26	1.07 B	9
10	1.25B	1.15B	2.53B	3.91	9.65	9.74	4.33	1.91	0.949	0.783	1.38	1.06 B	10
11	1.25B	1.13B	2.56B	3.91	9.38	10.5	4.26	1.85	0.801	0.801	1.43	1.05 B	11
12	1.25B	1.13B	2.61B	3.84	9.56	11.7	4.12	1.54	0.697	0.820	1.38	1.05 B	12
13	1.25B	1.15B	2.65B	3.70	9.47	12.2	3.49	1.46	0.663	0.801	1.35	1.04 B	13
14	1.23B	1.19B	2.70B	3.56	9.29	12.5	3.15	1.31	0.663	0.820	1.31	1.04 B	14
15	1.23B	1.23B	2.75B	3.70	8.93	11.7	2.81	1.26	0.646	0.820	1.26	1.05 B	15
16	1.23B	1.36B	2.80B	4.40	8.38	10.8	2.68	1.12	0.663	0.838	1.28	1.08 B	16
17	1.23B	1.47B	2.83B	5.06	8.38	10.7	2.61	1.01	0.680	0.838	0.991	1.10 B	17
18	1.23B	1.61B	2.86B	5.43	8.30	10.6	2.41	0.949	0.629	0.838	0.949B	1.14 B	18
19	1.23B	1.76B	2.83B	6.18	8.47	10.5	2.25	0.875	0.579	0.801	0.926B	1.19 B	19
20	1.23B	1.90B	2.83B	7.37	8.65	10.3	2.09	0.838	0.595	0.783	0.906B	1.22 B	20
21	1.25B	2.07B	2.78B	7.62	9.02	10.6	2.05	0.801	0.629	0.801	0.900B	1.13 B	21
22	1.29B	2.24B	2.72B	8.56	10.0	11.8	2.09	0.838	0.629	0.838	0.895B	1.10 B	22
23	1.36B	2.41B	2.70E	9.29	10.8	13.7	2.17	0.820	0.595	0.875	0.900B	1.06 B	23
24	1.42B	2.55B	2.72E	10.9	13.8	16.6	2.25	0.820	0.579	0.875	0.903B	1.02 B	24
25	1.46B	2.63B	4.26	12.0	16.5	18.8	2.33	0.801	0.579	0.912	0.906B	0.977B	25
26	1.47B	2.66B	5.43	13.3	18.3	20.4	2.47	0.731	0.629	0.970	0.934B	0.957B	26
27	1.47B	2.65B	5.06	12.3	21.2	17.3	2.41	0.731	0.680	0.991	0.966B	0.934B	27
28	1.46B	2.61B	4.92	11.0	22.9	16.0	2.54	0.748	0.731	1.03	0.997B	0.906B	28
29	1.44B		4.84	10.7	21.4	14.0	3.09	0.765	0.748	1.05	1.05 B	0.883B	29
30	1.42B		4.77	10.3	22.1	12.6	5.58	0.731	0.783	1.08	1.11 B	0.864B	30
31	1.42B		4.62		23.4		6.34	0.714		1.08		0.850B	31
TOTAL	41.03	46.34	96.82	191.89	388.15	393.34	128.16	65.842	22.585	26.298	33.573	32.871	TOTAL
MEAN	1.32	1.66	3.12	6.40	12.5	13.1	4.13	2.12	0.753	0.848	1.12	1.06	MEAN
MAX	1.47	2.66	5.43	13.3	23.4	20.8	9.29	6.74	1.05	1.08	1.43	1.22	MAX
MIN	1.23	1.13	2.39	3.22	8.30	8.56	2.05	0.714	0.579	0.731	0.895	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.02
MAXIMUM DAILY, 23.4 ON MAY 31
MINIMUM DAILY, 0.579 ON SEP 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 59 16 N
LONG 122 31 12 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 540	JUL	11 100
FEB	4 000	AUG	5 690
MAR	8 370	SEP	1 950
APR	16 600	OCT	2 270
MAY	33 500	NOV	2 900
JUN	34 000	DEC	2 840

TOTAL DISCHARGE, 127 000 dam³

BARNES CREEK NEAR NEEDLES - STATION NO. 08NE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.67	0.957	1.02	1.79	13.3	18.2	11.9	5.21	2.24	1.93	4.07	1.92	1
2	1.55	0.937	1.02	1.70	12.3	18.9	10.0	4.30	2.53	2.28	4.10	1.93	2
3	1.46	0.917B	1.03	1.66	10.1	19.8	9.57	4.16	1.95	2.02	3.88	1.77	3
4	1.42 B	0.903	1.07	1.57	9.40	18.2	9.74	3.91	1.87	1.85	3.63	1.85	4
5	1.42 B	0.869	1.05	1.59	8.50	16.4	9.88	3.62	1.91	1.79	3.37	1.84	5
6	1.43 B	0.855B	0.968	1.53	7.99	22.2	10.7	3.40	1.67	2.12	3.20	1.80	6
7	1.47	0.844B	1.01	1.49	7.87	17.3	13.5	3.14	1.57	3.24	3.02	1.74	7
8	1.45	0.844B	1.03	1.48	7.76	15.7	12.4	2.97	1.47	3.51	2.93	1.66	8
9	1.41	0.844B	0.988	1.48	8.58	17.0	10.5	2.79	1.40	3.46	2.87	1.70	9
10	1.38	0.804	0.994	1.41	10.3	16.4	9.94	2.64	1.34	3.13	2.79	1.80	10
11	1.36	0.807B	1.03	1.41	11.0	14.9	11.0	2.46	1.31	2.84	2.74	1.68	11
12	1.32	0.824B	1.07	1.38	11.7	13.5	9.20	2.34	1.26	2.69	2.92	1.37	12
13	1.25	0.850B	1.11	1.36	12.9	13.8	11.0	2.23	1.23	2.53	2.83	1.20	13
14	1.18	0.934B	1.18	1.33	13.8	13.1	15.1	2.50	1.20	2.45	2.83	1.53	14
15	1.10	0.968B	1.23	1.43	19.9	13.4	13.9	2.27	1.17	2.42	2.76	1.65	15
16	1.05	1.06 B	1.47	1.59	19.5	14.2	12.4	2.07	1.14	2.42	2.63	1.50	16
17	1.01	1.10 B	1.45	1.59	18.9	12.9	11.0	2.22	1.13	2.42	2.53	1.48	17
18	0.977B	1.15	1.40	1.84	20.2	12.1	9.66	1.95	1.09	2.31	2.49	1.44	18
19	0.977B	1.21	1.37	2.25	23.2	14.3	8.89	1.82	1.41	2.26	2.44	1.45	19
20	0.991B	1.19	1.37	2.59	25.7	14.4	8.33	2.36	1.46	2.18	2.42	1.40	20
21	1.02 B	1.13	1.37	2.68	30.3	13.0	7.79	2.28	1.50	2.02	2.54	1.28	21
22	1.16 B	1.10	1.41	3.09	33.7	12.7	6.94	1.91	1.70	1.97	2.44	1.25	22
23	1.25 B	1.07	1.40	4.30	28.9	12.8	6.43	1.74	1.69	1.97	2.40	1.24	23
24	1.49	1.06	1.38	7.48	27.7	12.3	6.03	1.64	1.62	2.08	2.29	1.32	24
25	1.40	1.08	1.40	6.74	30.3	11.9	5.49	1.56	1.50	2.12	2.18	1.32	25
26	1.34	1.07	1.39	5.78	27.6	12.5	4.87	1.48	1.38	2.10	2.13	1.28	26
27	1.31	1.05	1.43	5.58	22.3	11.9	4.59	1.41	1.35	2.15	1.87	1.26	27
28	1.28	1.02	1.50	5.35	20.2	10.9	4.42	1.36	1.48	3.65	1.97	1.22	28
29	1.26		1.72	5.58	19.2	10.4	4.56	1.44	2.13	4.11	1.99	1.21	29
30	1.21		1.82	8.33	21.1	10.3	5.72	1.87	2.06	3.49	1.94	1.18	30
31	1.21		1.79		22.3		4.70	1.60		3.29		0.948	31
TOTAL	39.805	27.447	39.470	87.38	556.50	435.5	280.15	76.65	46.76	78.80	82.20	46.218	TOTAL
MEAN	1.28	0.980	1.27	2.91	18.0	14.5	9.04	2.47	1.56	2.54	2.74	1.49	MEAN
MAX	1.67	1.21	1.82	8.33	33.7	22.2	15.1	5.21	2.53	4.11	4.10	1.93	MAX
MIN	0.977	0.804	0.968	1.33	7.76	10.3	4.42	1.36	1.09	1.79	1.87	0.948	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.92
MAXIMUM DAILY, 33.7 ON MAY 22
MINIMUM DAILY, 0.804 ON FEB 10
MAXIMUM INSTANTANEOUS,
39.9 AT 19:30 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 118 07 31 W
DRAINAGE AREA, 201 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 440	JUL	24 200
FEB	2 370	AUG	6 620
MAR	3 410	SEP	4 040
APR	7 550	OCT	6 810
MAY	48 100	NOV	7 100
JUN	37 600	DEC	3 990

TOTAL DISCHARGE, 155 000 dam³

BARRIERE RIVER AT THE MOUTH - STATION NO. 08LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.50E	8.67E	6.60E	9.54	30.7	70.7	37.1E	11.3	7.84	9.91E	14.3 E	9.29	1
2	7.74	8.44	6.26	9.54	31.7	70.0	38.4	11.2 E	8.16	13.5	15.6	9.40	2
3	7.55	8.14	6.36	9.66	33.4E	67.8	36.7	11.2 E	7.96E	12.9	15.4	9.12E	3
4	7.59E	7.84	6.36	9.77	35.2	60.1	33.5	11.1	7.76	13.2 E	14.9	8.83	4
5	7.65	7.70E	6.37E	9.66E	32.6	59.1	33.1E	11.1	7.84	13.5	14.4 E	8.50	5
6	7.74	7.55	6.36	9.54	32.0	56.2	32.5	10.8	7.99E	13.7	14.0	8.13E	6
7	7.74	7.55	6.26	9.43	31.7E	53.8E	29.0	10.4	8.13E	21.5	13.9	7.76	7
8	7.56E	7.11E	6.26E	9.43	31.2	51.2	23.1	9.97	8.27	21.3 E	12.8 E	6.65	8
9	7.35	6.65	6.26	9.20	32.0	50.3	22.0E	8.61E	8.04	21.0	11.8	6.48	9
10	7.15	5.66	6.16	9.03E	33.4E	42.6	20.8	7.25	7.96E	20.8	11.6	6.37E	10
11	6.71E	5.49E	6.26	8.86	34.5	42.3	20.1	7.08	7.84	18.8 E	11.3	6.23	11
12	6.26	5.32	6.46E	8.81E	35.5	37.0	19.4E	6.91	7.84	16.7 E	13.0 E	5.95	12
13	5.86	6.16	6.65	8.75	35.8	35.6	18.7	6.82E	6.51E	14.7	14.6	5.86E	13
14	5.66	6.26	6.56	8.64	40.5E	36.2E	21.4	6.74	5.17	13.9	15.0	5.73	14
15	5.49B	6.37E	6.77E	8.64	45.4	36.4	21.2	6.57	5.17	13.6	15.1 E	5.88	15
16	5.38B	6.46	6.95	8.55E	48.0	37.5	21.0E	5.95E	4.88	13.4	15.1	6.09	16
17	5.21B	6.65	6.85	8.44	53.8E	37.8	20.8	5.31	4.87E	13.0	10.4	6.00E	17
18	5.41B	6.85	6.85	8.64	59.7E	38.8E	19.3	5.17	4.81	12.6 E	10.3	5.88	18
19	5.66B	6.99E	6.85E	8.64	65.6	39.5	18.9E	5.10	4.88	12.2	11.4 E	5.52	19
20	6.00B	7.15	6.85	8.64E	66.7	38.4	18.5	5.04E	4.90E	11.7	12.5	5.44E	20
21	6.36	7.15	7.45	8.64	73.6E	36.8E	17.5E	4.96	4.88	11.6	12.8	5.31	21
22	7.16E	6.99E	7.45E	11.8	80.3	35.1	16.4	4.81	4.88	11.1 E	12.3 E	5.17	22
23	7.94	6.85	7.45	14.0 E	82.9	33.5	16.3	4.76E	4.96	10.6	11.9	5.03	23
24	8.04	6.95	7.65	16.3 E	85.5E	41.8	15.0	4.70	5.04E	11.1	11.3	4.96E	24
25	8.81E	7.05	7.84	18.6	88.4	39.6E	14.3	4.08	5.10	13.1 E	10.9	4.90E	25
26	9.54	7.05E	8.24E	19.9 E	97.6	37.0	13.8E	4.25	5.31	15.0	10.3 E	4.81	26
27	9.77	7.05	8.64	21.2	85.8	37.0	13.3	4.28E	5.75E	15.6	9.63	4.76E	27
28	9.90	6.95	9.09	19.9	76.5E	36.8E	12.3	4.30	6.16	15.4	9.29	4.70	28
29	9.71E		9.37E	19.7	67.1	36.1	11.8	4.25	6.31	14.3 E	9.17E	4.70	29
30	9.54		9.66	25.2 E	67.8	35.6	11.6E	5.66E	6.31	13.1	9.06	4.53	30
31	8.86		9.54		69.4E		11.3	7.08		13.0		4.36B	31
TOTAL	229.84	195.05	222.68	356.65	1 684.3	1 336.6	659.1	216.75	191.52	445.81	374.05	192.34	TOTAL
MEAN	7.41	6.97	7.18	11.9	54.3	44.6	21.3	6.99	6.38	14.4	12.5	6.20	MEAN
MAX	9.90	8.67	9.66	25.2	97.6	70.7	38.4	11.3	8.27	21.5	15.6	9.40	MAX
MIN	5.21	5.32	6.16	8.44	30.7	35.1	11.3	4.08	4.81	9.91	9.06	4.36	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 97.6 ON MAY 26
MINIMUM DAILY, 4.08 ON AUG 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 10 48 N
LONG 120 07 50 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 900	JUL	56 900
FEB	16 900	AUG	18 700
MAR	19 200	SEP	16 500
APR	30 800	OCT	38 500
MAY	146 000	NOV	32 300
JUN	115 000	DEC	16 600

TOTAL DISCHARGE, 527 000 dam³

BARRIERE RIVER BELOW SPRAGUE CREEK - STATION NO. 08LB069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.02	6.57	4.62	6.67	22.1	56.0E	30.0	9.18	4.36	6.37	11.8	6.32	1
2	5.78	6.10	4.59	6.84	26.1	52.0E	29.7	8.89	6.00	11.6	12.4	6.15	2
3	5.35	5.93	4.62A	6.90	26.7	49.8A	30.1	8.49	6.21	13.0	12.4	5.76	3
4	5.22	5.77	4.85	6.92	26.1	47.6	30.5	8.49	6.51	12.6	12.1	5.61	4
5	5.51	5.61	4.82	7.03	25.2	45.3	28.8	8.19	6.71	11.7	11.5	5.44	5
6	5.53	5.54	4.71	6.89	23.6	44.4	25.9	7.65	6.43	11.2	10.9	5.32	6
7	5.49	5.51	4.60	6.74	22.4	42.0	23.3	7.09	5.92	18.5	10.4	5.21	7
8	5.48	5.34	4.52	6.59	21.5	38.8	20.8	6.59	5.49	20.9	9.90	5.04	8
9	5.31	5.23	4.45	6.68	22.1	36.0	18.2	6.15	5.14	19.9	9.44	4.91	9
10	5.15	5.15B	4.37	6.46	24.0	34.0	16.5	5.68	4.84	17.8	9.04	4.85	10
11	5.08	4.62B	4.32	6.29	25.4	32.0	16.5	5.44	4.58	15.9	8.68	4.74	11
12	4.93	4.18B	4.33	6.14	26.0	29.5	16.1	5.15	4.33	14.2	10.6	4.36	12
13	4.77	3.96B	4.33	5.97	27.4	27.3	15.4	4.84	4.14	12.8	11.4	4.04	13
14	4.69	4.73	4.38	5.81	30.5	27.3	15.0	4.63	3.96	12.0	11.4	3.97	14
15	4.39	4.81	4.40	5.73	33.1	29.4	17.4	4.42	3.78	11.3	11.0	4.02	15
16	3.70B	4.80	4.69	5.69	35.9	30.4	19.5	4.28	3.66	10.9	10.7	4.02	16
17	2.80B	4.85	4.83	5.75	39.4	30.0	18.4	4.11	3.46	10.6	10.1	3.91	17
18	2.95B	4.91	4.97	5.94	43.3	29.5	16.4	3.96	3.36	10.3	9.46	3.83	18
19	3.12	5.02	5.07	6.28	48.6	29.4	15.0	3.81	3.52	9.91	9.18	4.00	19
20	3.98	4.99	5.10	7.08	54.4	29.2	14.5	3.92	3.68	9.51	9.12	3.98	20
21	4.20	4.94	5.15	8.03	58.6A	28.5	14.3	4.28	3.71	8.92	9.02	3.88	21
22	4.50	4.92	5.22	9.19	60.2A	28.4	13.4	4.33	3.77	8.32	8.64	3.77	22
23	5.43	4.87	5.33	10.3	63.3A	30.0	12.3	4.20	3.94	7.99	8.28	3.61	23
24	6.48	4.80	5.29	12.4	73.0A	30.6	11.5	4.03	4.06	7.79	7.86	3.52B	24
25	7.06	4.84	5.35	14.1	79.3A	30.3	10.7	3.86	4.10	7.88	7.45	3.60B	25
26	7.34	4.89	5.43	14.9	84.0E	31.3	9.80	3.65	4.08	8.71	7.15	3.55B	26
27	7.49A	4.75	5.48	15.4	70.0E	31.6	9.55	3.50	4.01	8.81	6.74	3.50B	27
28	7.49	4.65	5.65	15.3	60.0E	30.2	9.61	3.38	4.24	10.2	6.50	3.43B	28
29	7.46		6.00	15.4	52.0E	29.2	9.22	3.39	4.60	11.9	6.49	3.38B	29
30	7.23		6.29	16.8	53.0E	29.5	9.02	3.43	4.95	11.9	6.38	3.32B	30
31	7.00		6.53		55.0E		8.99	3.48		11.6		3.28B	31
TOTAL	166.93	142.28	154.25	260.22	1 312.2	1 039.5	536.39	162.49	137.54	365.01	286.03	134.32	TOTAL
MEAN	5.38	5.08	4.98	8.67	42.3	34.7	17.3	5.24	4.58	11.8	9.53	4.33	MEAN
MAX	7.49	6.57	6.53	84.0	56.0	30.5	9.18	6.71	20.9	12.4	6.32	MAX	
MIN	2.80	3.96	4.32	5.69	21.5	27.3	8.99	3.38	3.36	6.37	6.38	3.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 84.0E ON MAY 26
MINIMUM DAILY, 2.80B ON JAN 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 50 N
LONG 119 55 50 W
DRAINAGE AREA, 624 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 400	JUL	46 300
FEB	12 300	AUG	14 000
MAR	13 300	SEP	11 900
APR	22 500	OCT	31 500
MAY	113 000	NOV	24 700
JUN	89 800	DEC	11 600

TOTAL DISCHARGE, 405 000 dam³

BEAR RIVER ABOVE BITTER CREEK - STATION NO. 08DC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.37	7.20	4.70E	6.75	13.7	46.6	44.8	73.3	50.9	35.4	15.8	7.74	1
2	7.20	7.10	4.65E	6.70	12.4	40.5	55.4	63.6	44.3	23.9	14.1	7.47	2
3	6.99	7.00	4.55E	6.42	11.9	43.0	66.1	82.0	41.1	19.0	13.4	7.11	3
4	6.73	6.85	4.40E	6.17	13.5	46.8	51.8	83.6	38.4	16.6	13.9	6.89	4
5	6.59	6.74	4.25E	5.89	16.9	40.1	45.4	101	54.1	15.1	55.4	6.85	5
6	6.38	6.61	4.15E	5.51	21.7	37.5	40.6	93.0	88.6	15.4	42.2	6.66	6
7	6.30	6.51	4.10E	5.37	28.4	36.7	39.0	89.5	80.5	16.8	22.9	6.38	7
8	6.27	6.41	4.15E	5.21	31.2	33.2	39.9	87.9	112	17.5	17.8	6.03	8
9	6.23	6.31	4.25E	5.05	35.2	31.1	39.4	82.7	125	14.7	19.1	5.44	9
10	7.08	6.14	4.30E	4.70	25.1	32.5	42.3	86.7	125	13.3	23.0	5.70	10
11	9.18	6.06	4.40E	4.26	21.8	35.0	50.5	80.1	121	12.1	37.3	5.66	11
12	8.59	5.90	4.42E	4.01	21.2	37.4	59.7	71.3	77.5	11.4	30.2	5.45	12
13	8.63	5.78	4.45E	3.86	22.3	40.9	60.6	66.4	54.0	12.5	20.4	5.04	13
14	11.2	5.65	4.48E	4.07	24.4	44.9	62.9	66.1	58.5	17.7	16.7	5.27	14
15	10.3	5.65A	4.60E	4.45	29.5	44.7	66.6	68.7	112	42.6	14.7	5.08	15
16	9.42	6.00E	4.75E	5.16	35.2	39.8	67.7	63.7	80.0	32.2	13.3	4.94	16
17	9.29	6.42E	4.90E	5.28	32.0	35.8	72.7	58.6	75.8	22.8	12.4	4.89	17
18	9.98	7.00E	4.76A	4.98	33.5A	34.8	80.4	58.0	82.4	43.2	11.8	4.89	18
19	14.5	8.30E	4.69	5.52	36.5E	40.3	87.4	57.4	63.9	25.3	11.4	4.95	19
20	13.3	7.65E	4.62	7.59	35.3E	41.5	80.6	66.3	48.5	19.0	10.9	5.31	20
21	23.9	7.20E	4.66	8.47	34.3A	40.7	72.4	82.8	39.2	16.5	10.6	5.10	21
22	23.9	6.70E	4.70	7.64	35.8	40.2	70.5	68.8	36.5	15.0	10.1	4.85	22
23	19.8	6.30E	4.72	7.21	36.3	43.1	74.8	57.9	31.4	16.5	9.74	4.71	23
24	14.8	6.00E	4.88	7.59	38.3	44.9	77.1	80.5	26.8	26.4	9.18	4.68	24
25	11.8	5.70E	5.38	7.61	47.9	44.2	84.8	115	23.2	32.1	8.95	4.62	25
26	10.1	5.40E	6.15	7.46	53.9	39.9	86.3	99.2	20.6	21.1	8.18	4.49	26
27	9.04	5.10E	7.61	7.23	48.7	40.9	84.4	75.1	18.7	17.9	8.04	4.30	27
28	8.11	4.95E	10.3	7.27	42.0	41.8	81.6	67.7	18.4	16.5	8.10	3.31	28
29	7.48		10.2	8.53	40.6	43.8	82.1	55.1	17.4	15.1	7.97	2.94	29
30	7.37		8.31	11.9	51.3	45.1	83.3	56.5	38.0	15.2	7.72	2.89B	30
31	7.29		7.29		52.7		83.6	55.0		17.2		2.85B	31
TOTAL	315.12	178.63	163.77	187.86	983.5	1 207.7	2 034.7	2 313.5	1 803.7	636.0	505.28	162.49	TOTAL
MEAN	10.2	6.38	5.28	6.26	31.7	40.3	65.6	74.6	60.1	20.5	16.8	5.24	MEAN
MAX	23.9	8.30	10.3	11.9	53.9	46.8	87.4	115	125	43.2	55.4	7.74	MAX
MIN	6.23	4.95	4.10	3.86	11.9	31.1	39.0	55.0	17.4	11.4	7.72	2.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 125 ON SEP 9
MINIMUM DAILY, 2.85B ON DEC 31
MAXIMUM INSTANTANEOUS,
182 ON SEP 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 34 N
LONG 129 55 30 W
DRAINAGE AREA, 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 200	JUL	176 000
FEB	15 400	AUG	200 000
MAR	14 100	SEP	156 000
APR	16 200	OCT	55 000
MAY	85 000	NOV	43 700
JUN	104 000	DEC	14 000

TOTAL DISCHARGE, 907 000 dam³

BEATON CREEK NEAR BEATON - STATION NO. 08NE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35 E	0.932	1.03	1.85	3.48	10.1	7.31	4.67	2.28	1.50	1.88	1.47	1
2	1.27 E	0.906	1.00	1.82	3.74	9.66	7.48	4.33	2.31	1.89	1.81	1.56	2
3	1.23 E	0.878	0.991	1.74	3.88	9.85	7.39	4.16	2.11	1.68	1.77	1.48	3
4	1.19 E	0.858	1.01	1.67	3.79	9.97	7.82	4.05	2.05	1.57	1.74	1.44	4
5	1.18 E	0.838	1.04	1.76	4.16	9.54	8.64	3.82	1.96	1.51	1.69	1.59	5
6	1.18 E	0.833	0.985	1.70	3.74	9.66	10.1	3.71	1.88	1.69	1.68	1.59	6
7	1.16 E	0.830	0.949	1.60	3.51	9.60	10.9	3.57	1.83	1.72	1.65	1.47	7
8	1.11 A	0.855	0.957	1.59	3.40	9.23	9.51	3.51	1.76	1.74	1.62	1.39	8
9	1.10	0.835	0.940	1.70	3.34	8.47	8.21	3.37	1.72	1.80	1.59	1.44	9
10	1.11	0.756	0.940	1.62	3.28	8.10	7.65	3.23	1.69	1.70	1.58	1.54	10
11	1.07	0.801	0.937	1.53	3.28	7.65	7.62	3.14	1.63	1.61	1.59	1.45	11
12	1.04	0.782	0.934	1.50	3.31	7.22	7.25	3.03	1.60	1.54	1.68	1.36	12
13	1.04	0.838	0.943	1.42	3.48	6.94	7.31	2.89	1.58	1.49	1.64	1.25	13
14	1.03	0.855	0.949	1.36	3.71	6.82	8.41	2.82	1.55	1.46	1.68	1.21	14
15	1.00	1.03	0.963	1.35	4.02	7.11	7.93	2.72	1.55	1.43	1.78	1.21	15
16	0.994	1.27	1.03	1.49	4.30	7.84	7.50	2.62	1.51	1.39	1.77	1.20	16
17	0.991	1.44	1.07	1.48	4.50	7.82	7.25	2.63	1.45	1.37	1.67	1.19	17
18	0.985	1.37	1.06	1.55	4.76	7.48	7.14	2.47	1.42	1.33	1.66	1.18	18
19	0.971	1.43	1.08	1.61	5.21	7.19	7.31	2.47A	1.65	1.31	1.62	1.21	19
20	0.968	1.29	1.06	1.74	6.31	6.88	7.08	2.41E	1.69	1.31	1.61	1.20	20
21	0.957	1.18	1.06	1.89	7.65	6.65	6.80	2.35E	1.66	1.25A	1.76	1.16	21
22	0.977	1.14	1.09	2.13	8.75	6.57	6.51	2.34E	1.64	1.24	1.81	1.14	22
23	1.03	1.11	1.15	2.58	9.20	6.74	6.06	2.34E	1.60	1.22	1.69	1.13	23
24	1.09	1.08	1.19	3.43	9.99	6.46	5.92	2.25E	1.58	1.22	1.63	1.13	24
25	1.04	1.14	1.20	3.43	10.3	6.29	5.69	2.17E	1.50	1.22	1.55	1.12	25
26	0.994	1.10	1.20	3.31	11.4	6.63	5.44	2.14A	1.42	1.30	1.52	1.11	26
27	0.997	1.06	1.24	3.17	10.8	7.05	5.30	2.04	1.44	1.53	1.45	1.09	27
28	0.988	1.03	1.25	3.28	10.0	7.08	5.15	1.99	1.50	1.65	1.38	1.07	28
29	0.974		1.40	3.14	9.34	6.80	5.35	2.05	1.48	1.94	1.40	1.08	29
30	0.957		1.49	3.11	9.12	6.91	5.35	2.17	1.44	1.78	1.40	1.08	30
31	0.934		1.65		10.4		5.04	2.03		1.82		1.05	31
TOTAL	32.907	28.467	33.788	61.55	185.65	234.31	222.42	89.49	50.48	47.21	49.30	39.59	TOTAL
MEAN	1.06	1.02	1.09	2.05	5.99	7.81	7.17	2.89	1.68	1.52	1.64	1.28	MEAN
MAX	1.35	1.44	1.65	3.43	11.4	10.1	10.9	4.67	2.31	1.94	1.88	1.59	MAX
MIN	0.934	0.756	0.934	1.35	3.28	6.29	5.04	1.99	1.42	1.22	1.38	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.95
MAXIMUM DAILY, 11.4 ON MAY 26
MINIMUM DAILY, 0.756 ON FEB 10
MAXIMUM INSTANTANEOUS,
11.7 AT 05:31 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 09 N
LONG 117 43 44 W
DRAINAGE AREA, 99.5 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 840	JUL	19 200
FEB	2 460	AUG	7 730
MAR	2 920	SEP	4 360
APR	5 320	OCT	4 080
MAY	16 000	NOV	4 260
JUN	20 200	DEC	3 420

TOTAL DISCHARGE, 92 800 dam³

BEATTON RIVER NEAR FORT ST. JOHN - STATION NO. 07FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.900B	0.545B	0.291B	0.253B	382	99.8	102	19.0E	35.2	5.35	5.85B	3.14 B	1
2	0.890B	0.520B	0.273B	0.254B	435	104	87.8	18.6E	27.7	5.32	5.53B	3.06 B	2
3	0.895B	0.475B	0.271B	0.257B	504	121	75.7	18.3E	23.9	5.29	5.46B	2.70 B	3
4	0.900B	0.440B	0.269B	0.257B	490	111	64.7	17.5E	21.7	5.29	5.90B	2.35 B	4
5	0.890B	0.410B	0.269B	0.255B	473	95.9	55.2	16.7E	19.6	5.24	6.45B	2.00 B	5
6	0.850B	0.385B	0.270B	0.250B	443	83.5	47.0	16.0E	17.4	5.17	6.25B	1.80 B	6
7	0.810B	0.355B	0.274B	0.249B	415	73.4	40.6	15.6E	15.5	5.15	5.90B	1.50 B	7
8	0.785B	0.339B	0.276B	0.249B	399	64.9	35.0	15.4E	13.4	5.05	5.75B	1.38 B	8
9	0.780B	0.330B	0.279B	0.244B	391	58.3	31.3	15.2E	11.7	4.97	5.95B	1.33 B	9
10	0.780B	0.334B	0.276B	0.237B	387	52.1	28.3	15.1E	10.3	4.93	5.93B	1.30 B	10
11	0.780B	0.335B	0.273B	0.235B	382	47.7	25.7	14.7E	9.01	5.01	5.70B	1.27 B	11
12	0.780B	0.340B	0.273B	0.234B	361	45.6	23.4	14.3E	7.98	4.86	5.20B	1.18 B	12
13	0.775B	0.350B	0.275B	0.235B	317	44.6	21.1	14.0E	7.72	4.77	4.60B	1.16 B	13
14	0.750B	0.351B	0.277B	0.236B	287	44.9	19.6	13.7E	7.58	4.65	4.10B	1.16 B	14
15	0.725B	0.352B	0.280B	0.240B	265	42.9	17.9A	13.5E	7.53	4.66	3.85B	1.18 B	15
16	0.702B	0.351B	0.279B	0.250B	240	41.3	18.9E	13.0E	7.22	4.61	3.75B	1.22 B	16
17	0.695B	0.349B	0.275B	0.580B	210	47.8	19.0E	12.8E	7.01	4.59	3.70B	1.30 B	17
18	0.702B	0.342B	0.268B	1.75 B	195	61.0	18.9E	12.6E	6.88	4.71	3.75B	1.37 B	18
19	0.725B	0.324B	0.260B	5.60 B	187	77.6	19.0E	12.4E	6.79	4.77	3.90B	1.39 B	19
20	0.735B	0.320B	0.247B	16.7 B	180	78.9	19.4E	12.3E	6.70	4.78	3.90B	1.40 B	20
21	0.745B	0.319B	0.243B	75.7 B	172	79.9	19.8E	12.2E	6.62	5.26	3.68B	1.35 B	21
22	0.745B	0.316B	0.246B	122 B	162	86.3	20.3E	11.8E	6.44	7.71	3.33B	1.29 B	22
23	0.735B	0.306B	0.251B	127 B	148	114	21.4E	11.4E	6.30	8.24	3.20B	1.26 B	23
24	0.695B	0.300B	0.259B	164 B	137	127	22.3E	11.2E	6.15	8.05	3.22B	1.29 B	24
25	0.650B	0.300B	0.261B	183 B	128	128	23.4E	10.9E	6.02	7.37	3.25B	1.30 B	25
26	0.605B	0.301B	0.260B	268 B	121	129	24.0E	10.8E	5.93	6.45B	3.14B	1.28 B	26
27	0.575B	0.305B	0.264B	316	116	136	23.7E	11.0E	5.77	5.65B	3.10B	1.15 B	27
28	0.565B	0.305B	0.268B	309	112	138	23.1E	13.0E	5.67	5.50B	3.15B	0.980B	28
29	0.565B		0.267B	315	112	136	22.4E	34.5E	5.48	5.60B	3.30B	0.750B	29
30	0.555B		0.265B	343	119	118	21.0E	41.0E	5.41	5.85B	3.15B	0.620B	30
31	0.550B		0.255B		109		19.8E	42.8A		6.05B		0.590B	31
TOTAL	22.834	9.999	8.294	2 251.265	8 379	2 588.4	1 011.7	511.3	330.61	170.90	133.94	45.050	TOTAL
MEAN	0.737	0.357	0.268	75.0	270	86.3	32.6	16.5	11.0	5.51	4.46	1.45	MEAN
MAX	0.900	0.545	0.291	343	504	138	102	42.8	35.2	8.24	6.45	3.14	MAX
MIN	0.550	0.300	0.243	0.234	109	41.3	17.9	10.8	5.41	4.59	3.10	0.590	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.8
MAXIMUM DAILY, 504 ON MAY 3
MINIMUM DAILY, 0.234B ON APR 12
MAXIMUM INSTANTANEOUS,
509 AT 06:05 PST ON MAY 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 12 N
LONG 120 40 43 W
DRAINAGE AREA, 15 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 970	JUL	87 400
FEB	864	AUG	44 200
MAR	717	SEP	28 600
APR	195 000	OCT	14 800
MAY	724 000	NOV	11 600
JUN	224 000	DEC	3 890

TOTAL DISCHARGE, 1 340 000 dam³

BEAVER CREEK NEAR ALBERNI - STATION NO. 08HB036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.317	0.386	0.206	0.145	0.075	0.079	---	---	---	1
2	---	---	---	0.272	0.367	0.206	0.140	0.075	0.075	---	---	---	2
3	---	---	---	0.268	0.380	0.206	0.137	0.075	0.075	---	---	---	3
4	---	---	---	0.286	0.323	0.206	0.137	0.075	0.075	---	---	---	4
5	---	---	---	0.534	0.297	0.202	0.115	0.075	0.073	---	---	---	5
6	---	---	---	0.297	0.272	0.194	0.137	0.075	0.071	---	---	---	6
7	---	---	---	0.250	0.350	0.187	0.140	0.075	0.069	---	---	---	7
8	---	---	---	0.272	0.297	0.174	0.142	0.069	0.067	---	---	---	8
9	---	---	---	0.255	0.268	0.187	0.142	0.065	0.065	---	---	---	9
10	---	---	---	0.909	0.255	0.174	0.229	0.063	0.063	---	---	---	10
11	---	---	---	0.484	0.225	0.170	0.194	0.063	0.063	---	---	---	11
12	---	---	---	0.450	0.225	0.170	0.137	0.063	0.063	---	---	---	12
13	---	---	---	0.302	0.229	0.167	0.134	0.065	0.063	---	---	---	13
14	---	---	---	0.263	0.221	0.154	0.115	0.065	0.063	---	---	---	14
15	---	---	---	0.272	0.213	0.154	0.112	0.065	0.063	---	---	---	15
16	---	---	---	0.268	0.206	0.151	0.105	0.067	0.063	---	---	---	16
17	---	---	0.239	0.255	0.323	0.202	0.102	0.065	0.063	---	---	---	17
18	---	---	---	0.250	0.209	0.268	0.112	0.059	0.140	---	---	---	18
19	---	---	---	0.233	0.225	0.170	0.102	0.059	0.065	---	---	---	19
20	---	---	---	0.213	0.229	0.170	0.102	0.059	0.206	---	---	---	20
21	---	---	---	0.202	0.229	0.158	0.081	0.059	0.145	---	---	---	21
22	---	---	---	0.624	0.225	0.151	0.090	0.059	0.093	---	---	---	22
23	---	---	---	0.380	0.229	0.154	0.085	0.055	0.093	---	---	---	23
24	---	---	---	0.339	0.464	0.158	0.088	0.055	0.191	---	---	---	24
25	---	---	---	0.328	0.302	0.154	0.085	0.055	0.085	---	---	---	25
26	---	---	---	0.317	0.272	0.154	0.085	0.057	0.077	---	---	---	26
27	---	---	---	0.909	0.250	0.148	0.079	0.065	0.140	---	---	---	27
28	---	---	---	0.380	0.250	0.161	0.075	0.085	0.095	---	---	---	28
29	---		---	0.367	0.255	0.151	0.077	0.093	0.093	---	---	---	29
30	---		---	0.339	0.229	0.154	0.075	0.093	0.100	---	---	---	30
31	---		---		0.206		0.075	0.090		---		---	31
TOTAL	---	---	---	10.835	8.411	5.261	3.574	2.118	2.676	---	---	---	TOTAL
MEAN	---	---	---	0.361	0.271	0.175	0.115	0.068	0.089	---	---	---	MEAN
MAX	---	---	---	0.909	0.464	0.268	0.229	0.093	0.206	---	---	---	MAX
MIN	---	---	---	0.202	0.206	0.148	0.075	0.055	0.063	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 19 25 N
LONG 124 53 16 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	309
FEB	---	AUG	183
MAR	---	SEP	231
APR	936	OCT	---
MAY	727	NOV	---
JUN	455	DEC	---

BEAVERDELL CREEK NEAR BEAVERDELL - STATION NO. 08NN027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.517	---	1.55	1.03	0.459	0.207	---	---	---	1
2	---	---	---	0.498E	---	1.50 E	1.11 E	0.408	0.207	---	---	---	2
3	---	---	---	0.478	---	1.45	1.19	0.453E	0.178E	---	---	---	3
4	---	---	---	0.490E	---	1.42 E	0.988E	0.497	0.150	---	---	---	4
5	---	---	---	0.504E	3.48	1.39	0.787	0.459	0.130E	---	---	---	5
6	---	---	---	0.517	---	1.39 E	0.946E	0.408	0.111	---	---	---	6
7	---	---	---	0.388E	---	1.39 E	1.10	0.382E	0.111	---	---	---	7
8	---	---	---	0.258	---	1.39	1.03	0.357	0.101E	---	---	---	8
9	---	---	---	0.351E	---	1.69 E	0.980E	0.331	0.092	---	---	---	9
10	---	---	---	0.446	---	2.00 E	0.928	0.311E	0.092E	---	---	---	10
11	---	---	---	0.447E	---	2.30 E	0.903E	0.289	0.092	---	---	---	11
12	---	---	---	0.447E	---	2.61 E	0.878	0.279E	0.082E	---	---	---	12
13	---	---	---	0.446	---	2.91	1.01 E	0.268	0.072	---	---	---	13
14	---	---	---	0.481E	---	3.01	1.13	0.247	0.063E	---	---	---	14
15	---	---	---	0.517	---	2.92 E	0.979	0.247E	0.053	---	---	---	15
16	---	---	---	0.535E	---	2.81 E	0.929E	0.247E	0.034	---	---	---	16
17	---	---	0.178	0.555	---	2.71 E	0.878	0.247	0.034	---	---	---	17
18	---	---	---	0.813E	---	2.61	0.878	0.227	0.082E	---	---	---	18
19	---	---	---	1.07 E	---	2.39 E	0.903E	0.258E	0.130	---	---	---	19
20	---	---	---	1.33	2.60	2.17	0.928	0.289	0.130E	---	---	---	20
21	---	---	---	1.53 E	---	2.00 E	0.903E	0.258E	0.130	---	---	---	21
22	---	---	---	1.72	---	1.83 E	0.878	0.227	0.150	---	---	---	22
23	---	---	---	1.98	---	1.67 E	0.878E	0.169	0.140E	---	---	---	23
24	---	---	---	3.22	---	1.50 E	0.878	0.159E	0.130	---	---	---	24
25	---	---	---	3.11 E	---	1.33	0.745E	0.150	0.111	---	---	---	25
26	---	---	---	3.00 E	---	1.27 E	0.613	0.130E	0.111E	---	---	---	26
27	---	---	---	2.91	---	1.22	0.575E	0.111	0.111	---	---	---	27
28	---	---	---	2.92 E	---	1.03	0.536	0.111E	0.111	---	---	---	28
29	---		---	2.91	---	1.01 E	0.536	0.111	0.111	---	---	---	29
30	---		---	2.86 E	---	0.979	0.536	0.169	0.130	---	---	---	30
31	---		---		---		0.498E	0.188E		---		---	31
TOTAL	---	---	---	37.248	---	55.449	27.081	8.446	3.386	---	---	---	TOTAL
MEAN	---	---	---	1.24	---	1.85	0.874	0.272	0.113	---	---	---	MEAN
MAX	---	---	---	3.22	---	3.01	1.19	0.497	0.207	---	---	---	MAX
MIN	---	---	---	0.258	---	0.979	0.498	0.111	0.034	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 29 08 N
LONG 119 01 41 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 340
FEB	---	AUG	730
MAR	---	SEP	293
APR	3 220	OCT	---
MAY	---	NOV	---
JUN	4 790	DEC	---

BELGO CREEK BELOW HILDA CREEK - STATION NO. 08NM232

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.365B	0.368A	0.334B	0.323	1.27	2.38	1.11	0.564	0.133E	0.065E	0.459E	0.629E	1
2	0.360B	0.357B	0.328B	0.317	1.20	2.11	0.906	0.490	0.108E	0.082E	0.524E	0.631E	2
3	0.357B	0.348B	0.345B	0.306	0.974	1.89	0.776	0.464	0.093E	0.079E	0.541E	0.642	3
4	0.365B	0.343B	0.371B	0.303	0.810	1.68	0.657	0.405	0.085E	0.074E	0.493E	0.629	4
5	0.362B	0.334B	0.357B	0.297	0.716	1.47	0.555	0.357	0.079E	0.074E	0.470E	0.628	5
6	0.374B	0.323B	0.340B	0.286	1.91	1.59	0.595	0.317	0.074E	0.110E	0.445E	0.618	6
7	0.379B	0.314B	0.320B	0.289	2.64	1.39	0.954	0.275	0.068E	0.184E	0.430E	0.603	7
8	0.379B	0.292B	0.306B	0.286	2.63	1.57	1.21	0.246	0.065E	0.210E	0.416E	0.595	8
9	0.399B	0.272B	0.303B	0.286	2.64	2.66	1.22	0.212	0.059E	0.195E	0.411E	0.540	9
10	0.382B	0.261B	0.311B	0.297	2.68	2.97	1.48	0.190	0.054E	0.184E	0.408E	0.485	10
11	0.374B	0.266B	0.328B	0.303	2.76	2.94	1.87	0.159	0.051E	0.176E	0.405E	0.472	11
12	0.379B	0.283B	0.348B	0.303	2.89	2.33	1.54	0.144	0.051E	0.159E	0.402E	0.462A	12
13	0.385B	0.311B	0.360B	0.314	2.97	2.45	1.40	0.127	0.048E	0.147E	0.394E	0.445E	13
14	0.377B	0.343B	0.371B	0.317	1.80	2.46	1.56	0.113	0.045E	0.133E	0.388E	0.439E	14
15	0.371B	0.385B	0.360B	0.328	1.08	2.11	1.41	0.110	0.045E	0.127E	0.385E	0.439E	15
16	0.368B	0.419B	0.351B	0.357	1.08	2.12	1.26	0.105	0.045E	0.125E	0.385E	0.430E	16
17	0.379B	0.425B	0.348A	0.368	1.08	1.84	1.14	0.127	0.042E	0.122E	0.388E	0.419E	17
18	0.385B	0.408B	0.343	0.402	1.16	1.64	1.15	0.105	0.045E	0.122E	0.402E	0.425E	18
19	0.379B	0.391B	0.337	0.445	1.31	1.93	1.07	0.105A	0.051E	0.122E	0.430E	0.433E	19
20	0.377E	0.385B	0.331	0.374	2.66	1.68	1.04	0.095	0.059E	0.122E	0.490E	0.436E	20
21	0.382E	0.365B	0.328	0.227	5.44	1.40	0.974	0.091	0.068E	0.122A	0.552E	0.413B	21
22	0.394A	0.354B	0.320	0.249	4.81	1.32	0.872	0.084	0.065E	0.131	0.600E	0.402B	22
23	0.476A	0.345B	0.320	0.371	4.11	1.31	0.796	0.102E	0.065E	0.141	0.597E	0.405B	23
24	0.530A	0.374B	0.323	1.12	3.51	1.14	1.03	0.096E	0.062E	0.141	0.595E	0.408B	24
25	0.487A	0.388B	0.320	0.968	3.99	1.02	1.02	0.088E	0.062E	0.137	0.612E	0.405B	25
26	0.433A	0.371B	0.320	0.804	4.22	0.920	0.912	0.079E	0.062E	0.153	0.623E	0.396B	26
27	0.419A	0.357B	0.320	0.671	3.40	0.847	0.799	0.065E	0.059E	0.197	0.609E	0.402B	27
28	0.408A	0.351B	0.314	0.600	2.86	0.770	0.651	0.065E	0.062E	0.316	0.606E	0.399B	28
29	0.394A		0.328	0.609	2.53	0.708	0.606	0.079E	0.062E	0.438	0.606E	0.394B	29
30	0.379A		0.326	0.872	2.43	0.722	0.575	0.091E	0.062E	0.348A	0.614E	0.388B	30
31	0.379A		0.326		2.55		0.527	0.091E		0.382E		0.385B	31
TOTAL	12.177	9.733	10.337	12.992	76.110	51.367	31.665	5.641	1.929	5.118	14.680	14.797	TOTAL
MEAN	0.393	0.348	0.333	0.433	2.46	1.71	1.02	0.182	0.064	0.165	0.489	0.477	MEAN
MAX	0.530	0.425	0.371	1.12	5.44	2.97	1.87	0.564	0.133	0.438	0.623	0.642	MAX
MIN	0.357	0.261	0.303	0.227	0.716	0.708	0.527	0.065	0.042	0.065	0.385	0.385	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.675
MAXIMUM DAILY, 5.44 ON MAY 21
MINIMUM DAILY, 0.042E ON SEP 17
MAXIMUM INSTANTANEOUS,
5.78 AT 06:44 PST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 58 N
LONG 119 04 17 W
DRAINAGE AREA, 70.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	2 740
FEB	841	AUG	487
MAR	893	SEP	167
APR	1 120	OCT	442
MAY	6 580	NOV	1 270
JUN	4 440	DEC	1 280

TOTAL DISCHARGE, 21 300 dam³

BELGO CREEK NEAR THE MOUTH - STATION NO. 08NM225

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.428B	0.459B	0.566E	0.728A	5.78	5.38	2.76	1.51	0.522	0.494	0.960	0.862	1
2	0.408B	0.439B	0.547E	0.708E	6.23	4.93	2.41	1.40	0.772	0.479	0.999	0.889	2
3	0.416B	0.428B	0.535E	0.677E	5.07	4.50	2.04	1.39	0.656	0.642	1.13	0.802	3
4	0.428B	0.405B	0.637E	0.631E	4.42	4.11	1.87	1.30	0.559	0.587	1.01	0.948	4
5	0.425B	0.399B	0.586E	0.725E	3.74	3.77	1.68	1.20	0.515	0.539	0.954	0.887	5
6	0.442B	0.394B	0.527E	0.620E	3.88	3.77	1.71	1.12	0.485	0.527	0.940	0.861	6
7	0.456B	0.391B	0.507E	0.651E	4.76	3.48	2.71	1.04	0.460	0.800	0.896	0.841	7
8	0.447B	0.385B	0.561E	0.668E	4.79	3.94	3.51	0.988	0.440	0.994	0.851	0.837	8
9	0.470B	0.371B	0.589E	0.742E	5.15	6.46	3.31	0.912	0.411	0.862	0.852	0.816	9
10	0.462B	0.343B	0.606E	0.651E	5.44	6.57	3.54	0.838	0.395	0.873	0.839	0.763	10
11	0.419B	0.382B	0.629E	0.603E	5.61	6.68	4.42	0.779	0.387	0.749	0.830	0.729	11
12	0.425B	0.405B	0.663E	0.558E	6.14	5.80	3.79	0.731	0.388	0.684	0.862	0.685B	12
13	0.467B	0.510B	0.688E	0.600E	6.54	5.83	3.68	0.697	0.368	0.615	0.862	0.668B	13
14	0.456B	0.603B	0.702E	0.660E	6.09	5.80	4.30	0.663	0.354	0.601	0.839	0.680B	14
15	0.433B	0.674B	0.680E	0.708E	5.80	5.24	4.05	0.631	0.346	0.578	0.823	0.691B	15
16	0.419B	0.779B	0.665E	0.816E	5.61	4.98	3.82	0.614	0.351	0.559	0.805	0.674B	16
17	0.439B	0.799B	0.648E	0.773E	5.47	4.59	3.43	0.620	0.346	0.555	0.782	0.654B	17
18	0.447B	0.765B	0.668A	0.796E	5.86	4.36	3.34	0.597	0.336	0.517	0.798	0.671B	18
19	0.433B	0.742B	0.648E	0.855E	6.31	4.81	3.14	0.575	0.337	0.506	0.809	0.699B	19
20	0.473B	0.731B	0.634E	0.920E	7.16	4.39	3.00	0.566	0.426	0.495	0.949	0.663B	20
21	0.521B	0.708E	0.708E	1.02 A	13.1	3.91	2.92	0.527	0.538	0.446	0.962	0.609B	21
22	0.561B	0.637E	0.680E	1.26 A	10.6	3.68	2.62	0.515	0.504	0.436	0.952	0.595B	22
23	0.609B	0.580E	0.631E	1.53	9.00	3.68	2.43	0.484	0.494	0.431	0.942	0.626B	23
24	0.629B	0.558E	0.614A	4.13	8.13	3.28	2.67	0.462	0.485	0.451	0.931	0.634B	24
25	0.612B	0.779E	0.660A	3.88	8.58	2.94	2.63	0.439	0.473	0.454	0.882	0.606B	25
26	0.566B	0.736E	0.660A	3.37	8.98	2.65	2.34	0.428	0.458	0.462	0.910	0.575B	26
27	0.524B	0.646E	0.682A	3.06	7.39	2.44	2.06	0.422A	0.451	0.508	0.890	0.595B	27
28	0.501B	0.586E	0.682A	2.72	6.43	2.25	1.80	0.401	0.440	0.678	0.855	0.586B	28
29	0.490B		0.779A	2.59	5.83	2.06	1.69	0.438	0.496	0.954	0.861	0.549B	29
30	0.476B		0.750A	3.17	5.61	2.01	1.66	0.563	0.540	0.842	0.848	0.524B	30
31	0.467B		0.728A		5.64		1.53	0.496		0.789		0.496B	31
TOTAL	14.749	15.674	19.860	40.820	199.14	128.29	86.82	23.346	13.733	19.107	26.823	21.715	TOTAL
MEAN	0.476	0.560	0.641	1.36	6.42	4.28	2.80	0.753	0.458	0.616	0.894	0.700	MEAN
MAX	0.629	0.799	0.779	4.13	13.1	6.68	4.42	1.51	0.772	0.994	1.13	0.948	MAX
MIN	0.408	0.343	0.507	0.558	3.74	2.01	1.53	0.401	0.336	0.431	0.782	0.496	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 13.1 ON MAY 21
MINIMUM DAILY, 0.336 ON SEP 18
MAXIMUM INSTANTANEOUS,
15.4 AT 07:50 PST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 13 N
LONG 119 08 57 W
DRAINAGE AREA, 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 270	JUL	7 500
FEB	1 350	AUG	2 020
MAR	1 720	SEP	1 190
APR	3 530	OCT	1 650
MAY	17 200	NOV	2 320
JUN	11 100	DEC	1 880

TOTAL DISCHARGE, 52 700 dam³

BELLA COOLA RIVER ABOVE BURNT BRIDGE CREEK - STATION NO. 08FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	84.1	32.3	23.9	18.4	52.6	180	162	199	141	198	92.9	28.1	1
2	77.3	32.8	23.3	18.1	50.2	170	176	191	138	117	96.8	28.4	2
3	72.5	31.0	23.0	17.9	46.0	171	228	192	130	82.9	114	27.0	3
4	69.6	30.2	22.1	17.7	44.6	164	228	190	122	65.2	92.2	26.6	4
5	65.4	29.0	21.2	18.8	47.6	155	201	193	120	55.2	78.1	27.1	5
6	63.0	27.7	21.5	18.1	57.7	153	186	217	135	49.2	71.1	26.2	6
7	60.0	27.3	21.1	17.8	62.7	134	158	242	160	45.9	64.9	24.6	7
8	56.5	27.0	20.4	17.8	64.1	121	143	268	188	43.8	58.8	23.7	8
9	54.2	25.5	20.1	17.7	69.1	116	135	284	231	41.5	68.4	23.1	9
10	51.8	24.8	19.9	17.5	66.7	124	137	300	214	38.8	65.1	23.5	10
11	49.2	25.0	19.7	17.6	61.5	130	149	303	177	36.2	84.6	22.8	11
12	47.1	24.7	19.5	16.7	64.5	128	174	286	145	34.1	98.8	21.7B	12
13	45.5	24.8	19.5	16.6	73.9	124	192	260	118	32.5	80.8	21.3B	13
14	44.0	25.5	19.3	16.6	83.8	131	193	248	111	32.8	70.0	20.9B	14
15	42.3	27.5	19.2	16.4	100	134	193	239	125	34.7	60.5	20.2	15
16	40.5	27.6	19.0	16.8	98.0	124	206	222	147	45.1	54.9	19.9	16
17	39.7	27.7	18.7	16.8	105	112	228	207	172	49.6	48.6	20.7	17
18	39.0	28.4	18.4	17.0	108	109	255	211	214	53.5	45.2	20.7	18
19	41.4	28.7	18.1	17.5	147	108	269	226	176	56.6	43.3	20.6	19
20	47.2	29.0	18.1	18.4	186	112	271	213	127	50.7	40.6	20.2	20
21	47.4	28.8	18.0	19.3	211	106	255	201	102	43.4	38.4	19.7	21
22	49.2	28.7	18.1	20.3	195	103	242	188	88.7	38.6	36.0	19.0	22
23	47.6	28.3	17.9	31.2	185	107	241	187	80.0	35.3	34.2	18.6	23
24	45.4	27.5	17.7	48.1	198	114	259	196	71.7	37.3	32.5	18.7	24
25	43.4	26.8	17.5	43.1	253	120	264	188	64.2	43.3	31.0	18.6	25
26	42.3	26.0	17.3	38.0	228	126	286	159	57.9	44.7	30.1	18.4	26
27	41.0	25.2	17.5	35.6	189	126	285	138	53.5	43.3	27.5	17.6	27
28	38.8	24.4	18.0	35.9	178	125	269	126	51.3	41.6	27.8	17.0	28
29	38.2		18.3	37.6	188	141	233	123	50.0	36.2	28.1	16.6B	29
30	36.6		18.2	40.5	197	164	212	119	74.7	34.6	27.1	16.6B	30
31	33.9		18.6		192		211	131		129		16.5B	31
TOTAL	1 554.1	772.2	603.1	699.8	3 803.0	3 932	6 641	6 447	3 785.0	1 690.6	1 742.3	664.6	TOTAL
MEAN	50.1	27.6	19.5	23.3	123	131	214	208	126	54.5	58.1	21.4	MEAN
MAX	84.1	32.8	23.9	48.1	253	180	286	303	231	198	114	28.4	MAX
MIN	33.9	24.4	17.3	16.4	44.6	103	135	119	50.0	32.5	27.1	16.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.6
MAXIMUM DAILY, 303 ON AUG 11
MINIMUM DAILY, 16.4 ON APR 15
MAXIMUM INSTANTANEOUS,
321 AT 02:47 PST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 20 N
LONG 126 09 29 W
DRAINAGE AREA, 3 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	134 000	JUL	574 000
FEB	66 700	AUG	557 000
MAR	52 100	SEP	327 000
APR	60 500	OCT	146 000
MAY	329 000	NOV	151 000
JUN	340 000	DEC	57 400

TOTAL DISCHARGE, 2 790 000 dam³

BELLEVUE CREEK NEAR OKANAGAN MISSION - STATION NO. 08NM035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.071	0.023B	0.048	0.062	2.64	2.48	1.89	0.388	0.059	0.057	0.221	0.113	1
2	0.065	0.022B	0.048	0.057	1.97	2.25	1.38	0.362	0.062	0.097	0.269	0.111	2
3	0.065	0.021B	0.045B	0.059	1.33	2.00	1.04	0.351	0.057	0.093	0.264	0.084	3
4	0.062	0.020B	0.045B	0.057	1.01	1.89	0.830	0.323	0.051	0.075	0.230	0.113	4
5	0.059	0.020B	0.042B	0.057	0.844	1.75	0.680	0.309	0.045	0.067	0.200	0.114	5
6	0.057	0.020B	0.045B	0.059	0.770	2.23	0.753	0.283	0.042	0.114	0.185	0.105	6
7	0.054	0.019B	0.045B	0.057	0.725	1.64	1.44	0.261	0.037	0.225	0.168	0.099	7
8	0.057	0.018B	0.045	0.057	0.745	1.46	1.99	0.229	0.031	0.217	0.159	0.096	8
9	0.054	0.016B	0.045	0.057	1.01	2.05	2.00	0.190	0.027	0.179	0.153	0.097	9
10	0.054	0.014B	0.042	0.054	1.18	2.30	1.83	0.159	0.024	0.154	0.147	0.100	10
11	0.051	0.018B	0.042	0.054	1.21	2.14	1.71	0.130	0.022	0.139	0.148	0.093	11
12	0.051	0.020B	0.042	0.054	1.32	1.65	1.32	0.102	0.018	0.122	0.177	0.087	12
13	0.048	0.023B	0.045	0.054	1.49	1.92	1.28	0.091	0.015	0.110	0.180	0.091B	13
14	0.048	0.027B	0.042	0.054	1.71	2.37	1.87	0.076	0.014	0.101	0.172	0.093B	14
15	0.037B	0.031B	0.042	0.054	2.23	2.00	1.47	0.079	0.012	0.092	0.162	0.091B	15
16	0.034B	0.040B	0.051	0.062	2.16	1.81	1.28	0.074	0.012	0.091	0.155	0.085B	16
17	0.034B	0.045B	0.048	0.068	2.40	1.51	1.11	0.091	0.011	0.095	0.149	0.082B	17
18	0.031B	0.057	0.045	0.079	3.06	1.42	1.03	0.076	0.010	0.097	0.144	0.085B	18
19	0.031B	0.057	0.042	0.096	4.08	1.70	1.01	0.065	0.027	0.097	0.144	0.085B	19
20	0.031B	0.051	0.042	0.136	4.30	1.57	0.934	0.062	0.051	0.097	0.140	0.082B	20
21	0.031B	0.048	0.042	0.167	6.12	1.38	0.867	0.057	0.040	0.091	0.140	0.071B	21
22	0.034B	0.051	0.045	0.195	4.45	1.35	0.799	0.051	0.033	0.093	0.134	0.065B	22
23	0.031B	0.051	0.045	0.306	4.13	1.34	0.722	0.045	0.038	0.093	0.132	0.068B	23
24	0.031B	0.051	0.042	0.912	4.53	1.15	0.722	0.034	0.039	0.089	0.124	0.065B	24
25	0.028B	0.057	0.042	0.867	7.31	0.974	0.830	0.028	0.048	0.097	0.106	0.062B	25
26	0.027B	0.054	0.045	0.668	5.35	0.906	0.765	0.025	0.047	0.106	0.124	0.062B	26
27	0.025B	0.054	0.048	0.547	3.51	0.833	0.654	0.023	0.044	0.125	0.116	0.057B	27
28	0.024B	0.051	0.048	0.510	2.97	0.773	0.575	0.020	0.057	0.194	0.098	0.054B	28
29	0.024B		0.057	0.620	2.82	0.685	0.498	0.045	0.067	0.239	0.109	0.051B	29
30	0.024B		0.054	1.24	3.45	0.646	0.459	0.071	0.058	0.205	0.105	0.048B	30
31	0.024B		0.059		3.20		0.428	0.059		0.176		0.045B	31
TOTAL	1.297	0.979	1.418	7.319	84.024	48.177	34.166	4.159	1.098	3.827	4.755	2.554	TOTAL
MEAN	0.042	0.035	0.046	0.244	2.71	1.61	1.10	0.134	0.037	0.123	0.159	0.082	MEAN
MAX	0.071	0.057	0.059	1.24	7.31	2.48	2.00	0.388	0.067	0.239	0.269	0.114	MAX
MIN	0.024	0.014	0.042	0.054	0.725	0.646	0.428	0.020	0.010	0.057	0.098	0.045	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.531
MAXIMUM DAILY, 7.31 ON MAY 25
MINIMUM DAILY, 0.010 ON SEP 18
MAXIMUM INSTANTANEOUS,
12.7 AT 19:50 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 38 N
LONG 119 27 39 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112	JUL	2 950
FEB	84.6	AUG	359
MAR	123	SEP	94.9
APR	632	OCT	331
MAY	7 260	NOV	411
JUN	4 160	DEC	221

TOTAL DISCHARGE, 16 700 dam³

BESSETTE CREEK ABOVE BEAVERJACK CREEK - STATION NO. 08LC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.491	1.04	1.12	1.38	6.37	19.6	9.97	5.70	2.22	1.67	4.07	1.51	1
2	1.11	0.970B	1.09	1.32	7.52	17.6	8.56	5.27	2.82	1.80	3.20	1.55	2
3	1.23	0.800B	1.11	1.26	7.02	16.1	6.70	4.91	3.51	2.02	3.06	1.46	3
4	1.21	0.840B	1.20	1.18	6.22	15.7	5.95	6.74	3.41	1.71	2.79	1.37	4
5	1.21	0.900B	1.22	1.22	5.75	13.5	5.19	5.39	3.32	1.58	2.40	1.66	5
6	1.20	0.890B	1.07	1.21	5.20	15.2	5.09	4.31	3.32	1.56	2.21	1.68	6
7	1.12	0.900B	1.05	1.14	4.68	13.2	7.18	3.40	3.08	2.18	2.07	1.59	7
8	1.05	0.905B	1.04	1.12	4.24	12.2	9.49	3.05	2.87	2.75	2.00	1.53	8
9	0.997	0.800B	1.00	1.15	4.02	15.5	8.87	2.79	2.66	2.46	1.95	1.54	9
10	0.936	0.825B	0.981	1.10	4.33	18.2	8.70	2.57	2.44	2.27	1.90	1.57	10
11	0.879	0.845B	0.963	1.09	4.51	17.0	9.93	2.30	2.20	2.04	1.87	1.55	11
12	0.800B	0.830E	0.953	1.09	4.81	19.6	8.51	2.04	1.80	1.89	1.91	1.40	12
13	0.720B	0.760E	0.948	1.08	5.27	20.2	8.21	1.87	1.52	1.77	1.98	1.07 B	13
14	0.685B	0.760E	0.941	1.06	6.31	18.4	15.2	1.72	1.36	1.70	1.86	0.878B	14
15	0.720B	0.820E	0.950	1.03	8.75	17.5	12.7	1.70	1.26	1.68	1.78	0.930B	15
16	0.785B	0.910A	1.03	1.05	10.5	18.1	10.9	1.89	1.20	1.68	1.72	0.918B	16
17	0.690B	1.13 E	1.09	1.16	11.0	15.1	9.15	2.03	1.09	1.66	1.73	0.900B	17
18	0.630B	1.49 A	1.05	1.20	11.9	13.5	8.38	1.98	0.987	1.62	1.80	0.890B	18
19	0.570B	1.52 E	1.01	1.32	13.5	15.5	8.36	1.75	1.09	1.57	1.86	0.903B	19
20	0.720B	1.62	1.01	1.56	15.2	14.5	8.09	1.64	1.78	1.54	1.81	0.940B	20
21	0.850B	1.44	1.04	1.79	22.7	12.3	8.09	1.62	1.92	1.46	1.79	0.919B	21
22	0.980B	1.33	1.01	2.02	23.7	11.4	6.97	1.64	1.85	1.34	1.77	0.892B	22
23	1.18	1.20	1.02	2.42	22.5	11.3	6.32	1.59	1.65	1.33	1.71	0.890B	23
24	2.02	1.15	1.02	5.07	22.3	10.0	7.08	1.53	1.53	1.71	1.66	0.872B	24
25	1.66	1.51	1.03	6.02	23.6	9.04	9.60	1.44	1.42	3.02	1.62	0.843B	25
26	0.860	1.56	1.05	4.77	28.5	7.99	7.29	1.35	1.46	4.18	1.60	0.828B	26
27	0.913	1.33	1.06	3.94	24.0	7.27	6.49	1.29	1.41	3.22	1.59	0.835B	27
28	1.11	1.26	1.09	3.88	20.0	6.73	6.04	1.23	1.45	6.14	1.53	0.836B	28
29	1.13		1.18	4.14	17.3	6.41	5.25	1.22	1.61	6.93	1.52	0.822B	29
30	1.07		1.28	4.54	17.0	5.81	5.12	1.64	1.71	5.27	1.46	0.820B	30
31	1.04		1.30		21.3		5.18	2.06		4.77		0.820B	31
TOTAL	30.526	30.335	32.906	62.31	390.00	414.45	248.56	79.66	59.947	76.52	61.42	35.316	TOTAL
MEAN	0.985	1.08	1.06	2.08	12.6	13.8	8.02	2.57	2.00	2.47	2.01	1.14	MEAN
MAX	2.02	1.62	1.30	6.02	28.5	20.2	15.2	6.74	3.51	6.93	4.07	1.68	MAX
MIN	0.491	0.760	0.941	1.03	4.02	5.81	5.09	1.22	0.987	1.33	1.46	0.820	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.17
MAXIMUM DAILY, 28.5 ON MAY 26
MINIMUM DAILY, 0.491 ON JAN 1
MAXIMUM INSTANTANEOUS,
29.7 AT 05:55 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 52 N
LONG 118 51 30 W
DRAINAGE AREA, 603 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 640	JUL	21 500
FEB	2 620	AUG	6 880
MAR	2 840	SEP	5 180
APR	5 380	OCT	6 610
MAY	33 700	NOV	5 200
JUN	35 800	DEC	3 050

TOTAL DISCHARGE, 131 000 dam³

BESSETTE CREEK ABOVE LUMBY LAGOON OUTFALL - STATION NO. 08LC042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19	0.459	0.580	0.648	5.86	20.9	11.1	5.28	1.87	1.36	2.27	1.00	1
2	1.01	0.289	0.566	0.552	7.35	19.0	7.62	4.80	3.60	1.55	3.03	1.08	2
3	0.929	0.289B	0.566	0.528	6.65	17.3	5.62	4.66	3.50	1.78	2.65	0.793	3
4	1.01	0.289B	0.623	0.470	5.57	17.0	4.90	4.71	2.90	1.50	2.27	0.827	4
5	0.878	0.292B	0.623	0.510	5.00	13.8	4.08	4.51	3.20	1.36	1.84	1.16	5
6	0.878	0.294B	0.552	0.496	4.42	16.9	4.13	3.41	2.86	1.34	1.67	1.14	6
7	0.776	0.297B	0.447	0.470	4.08	21.8	5.72	2.82	2.53	2.31	1.43	1.04	7
8	0.699	0.283B	0.470	0.459	3.55	12.4	5.62	2.31	2.27	2.65	1.41	1.02	8
9	0.470	0.263B	0.470	0.496	3.41	16.0	8.40	2.07	2.00	2.35	1.41	1.04	9
10	0.566	0.255B	0.470	0.470	3.70	18.7	8.15	1.64	1.87	1.97	1.36	1.04	10
11	0.481	0.266B	0.425	0.447	3.84	21.3	9.81	1.50	1.21	1.76	1.34	1.00	11
12	0.368	0.280B	0.425	0.470	4.13	18.3	7.71	1.27	0.963	1.59	1.34	0.665	12
13	0.413	0.300	0.425	0.470	4.75	16.2	7.29	1.18	0.929	1.50	1.41	0.538	13
14	0.459	0.300	0.425	0.470	5.57	19.4	18.3	1.04	0.827	1.41	1.27	0.510B	14
15	0.379	0.334	0.447	0.436	7.59E	21.4	13.0	1.64	0.827	1.43	1.21	0.566B	15
16	0.204	0.436	0.470	0.436	9.81	18.7	10.4	1.50	0.793	1.43	1.23	0.623B	16
17	0.212	0.538	0.496	0.566	10.7	15.5	8.46	1.84	0.793	1.39	1.18	0.595B	17
18	0.278	0.929	0.481	0.510	12.1	13.0	7.35	1.34	0.750	1.36	1.30	0.580B	18
19	0.459	1.03	0.447	0.725	15.3	15.5	7.53	1.14	0.793	1.30	1.34	0.614B	19
20	0.524	1.19	0.425	1.06	16.6	14.7	7.23	1.32	1.76	1.30	1.32	0.606B	20
21	0.524	0.852	0.436	1.33	26.2	12.0	7.59	1.25	1.61	1.21	1.30	0.572B	21
22	0.481	0.776	0.425	1.57	26.2	10.8	6.99	1.18	1.52	1.16	1.25	0.561B	22
23	0.580	0.725	0.413	1.97	23.9	10.8	6.90	1.06	1.30	1.12	1.16	0.589B	23
24	1.22	0.674	0.459	3.24	24.0	9.36	5.81	1.12	1.18	1.14	1.14	0.544B	24
25	1.25	1.19	0.436	5.62	24.2	8.46	9.55	0.929	1.14	1.21	1.08	0.547B	25
26	1.01	1.03	0.436	4.66	32.6	7.23	6.26	0.963	1.02	1.18	1.06	0.566B	26
27	0.878	0.801	0.436	4.13	26.5	6.31	5.43	0.912	1.14	1.30	1.02	0.566B	27
28	0.776	0.725	0.481	3.84	22.3	5.62	4.61	0.912	1.16	1.76	1.02	0.561B	28
29	0.801		0.510	3.71	19.2	5.14	4.03	0.946	1.27	2.65	1.02	0.555B	29
30	0.648		0.566	3.84	17.9	4.51	4.42	1.73	1.41	2.17	0.895	0.547B	30
31	0.623		0.552		23.3		4.18	2.00		1.90		0.538B	31
TOTAL	20.974	15.386	14.983	44.595	406.28	428.03	226.19	62.982	48.995	49.44	43.225	22.583	TOTAL
MEAN	0.677	0.550	0.483	1.49	13.1	14.3	7.30	2.03	1.63	1.59	1.44	0.728	MEAN
MAX	1.25	1.19	0.623	5.62	32.6	21.8	18.3	5.28	3.60	2.65	3.03	1.16	MAX
MIN	0.204	0.255	0.413	0.436	3.41	4.51	4.03	0.912	0.750	1.12	0.895	0.510	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.79
MAXIMUM DAILY, 32.6 ON MAY 26
MINIMUM DAILY, 0.204 ON JAN 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 11 N
LONG 118 57 37 W
DRAINAGE AREA, 469 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 810	JUL	19 500
FEB	1 330	AUG	5 440
MAR	1 290	SEP	4 230
APR	3 850	OCT	4 270
MAY	35 100	NOV	3 730
JUN	37 000	DEC	1 950

TOTAL DISCHARGE, 120 000 dam³

BESSETTE CREEK NEAR LUMBY - STATION NO. 08LC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.113E	3.23	12.5 E	7.93	2.97 E	0.878	---	---	---	1
2	---	---	---	0.113E	3.23	11.3 E	5.04	2.69 E	1.73	---	---	---	2
3	---	---	---	0.113	2.69	10.3 E	3.68	2.49 E	1.13	---	---	---	3
4	---	---	---	0.127	3.14	9.29	3.68	2.49 E	0.878	---	---	---	4
5	---	---	---	0.113	2.21	8.78E	3.68	2.19	0.878	---	---	---	5
6	---	---	---	0.113	2.26	11.9 E	3.68	2.35	0.878	---	---	---	6
7	---	---	---	0.113E	1.81	13.3 E	5.41	1.13	0.637	---	---	---	7
8	---	---	---	0.113	1.81	9.06E	5.41	0.878	0.637	---	---	---	8
9	---	---	---	0.113	2.21	10.3 E	4.81	0.878	0.637	---	---	---	9
10	---	---	---	0.113	2.33E	11.8 E	5.41	0.878	0.439	---	---	---	10
11	---	---	---	0.113	2.45	12.7 E	4.81	0.878	0.439	---	---	---	11
12	---	---	---	0.113	2.69	11.3 E	4.25	0.878	0.255E	---	---	---	12
13	---	---	---	0.113	2.69	10.3 E	4.25	0.637	0.249E	---	---	---	13
14	---	---	---	0.113	3.23	11.3 E	9.26	0.637	0.244E	---	---	---	14
15	---	---	---	0.184	4.53	12.5 E	6.63	0.637	0.261E	---	---	---	15
16	---	---	---	0.184	5.27	11.3 E	6.00	0.637	0.283E	---	---	---	16
17	---	---	---	0.425	5.95E	10.1 E	5.41	0.878	0.311	---	---	---	17
18	---	---	---	0.425	6.51E	8.30E	4.81	0.637	0.266E	---	---	---	18
19	---	---	---	0.538	8.55	9.34E	4.25	0.555	0.232E	---	---	---	19
20	---	---	---	0.651	12.7 E	8.50E	3.68	0.439	0.878	---	---	---	20
21	---	---	---	0.651	14.7 E	7.65E	3.74E	0.484E	0.878	---	---	---	21
22	---	---	---	0.651E	14.7 E	7.19E	3.11E	0.430E	0.878	---	---	---	22
23	---	---	---	0.651	13.6 E	7.08E	2.75E	0.411E	0.637	---	---	---	23
24	---	---	---	2.01	13.6 E	6.48E	4.81	0.439E	0.637	---	---	---	24
25	---	---	---	1.81	13.7 E	6.00E	5.41	0.337E	0.637	---	---	---	25
26	---	---	---	1.64	16.1	5.38E	3.94E	0.354E	0.637	---	---	---	26
27	---	---	---	1.81	14.9 E	4.81E	4.25	0.328E	0.637	---	---	---	27
28	---	---	---	1.81 E	13.6 E	4.47E	2.58	0.328E	0.637	---	---	---	28
29	---		---	1.81	12.3 E	4.16E	2.58	0.405E	0.878	---	---	---	29
30	---		---	1.81	11.3 E	3.85E	2.58	0.541E	0.878	---	---	---	30
31	---		---		13.9 E		2.58	0.637		---		---	31
TOTAL	---	---	---	18.656	231.89	271.24	140.41	30.361	19.474	---	---	---	TOTAL
MEAN	---	---	---	0.622	7.48	9.04	4.53	0.979	0.649	---	---	---	MEAN
MAX	---	---	---	2.01	16.1	13.3	9.26	2.97	1.73	---	---	---	MAX
MIN	---	---	---	0.113	1.81	3.85	2.58	0.328	0.232	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 16.1 ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 14 10 N
LONG 118 57 55 W
DRAINAGE AREA, 253 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 100
FEB	---	AUG	2 620
MAR	---	SEP	1 680
APR	1 610	OCT	---
MAY	20 000	NOV	---
JUN	23 400	DEC	---

BETHSAIDA CREEK ABOVE HIGHLAND VALLEY ROAD - STATION NO. 08LG055

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.030	0.017B	0.022	0.030	0.804	0.168	0.048	0.121	0.034	0.024	0.022	0.022B	1
2	0.030	0.016B	0.022	0.026	0.542	0.156	0.043	0.107	0.036	0.023	0.022	0.025B	2
3	0.030	0.016B	0.021	0.027	0.383	0.143	0.037	0.104	0.034	0.022	0.021	0.019B	3
4	0.028	0.016B	0.022	0.027	0.275	0.138	0.033	0.102	0.034	0.023	0.022	0.025B	4
5	0.029	0.015B	0.021	0.028	0.202	0.130	0.031	0.103	0.033	0.023	0.021	0.038B	5
6	0.028	0.016B	0.022	0.027	0.177	0.126	0.031	0.102	0.032	0.023	0.021	0.032B	6
7	0.027	0.015B	0.021	0.025	0.196	0.116	0.033	0.100	0.032	0.023	0.021	0.034B	7
8	0.031	0.016B	0.021	0.026	0.202	0.108	0.023	0.097	0.031	0.024	0.021	0.027B	8
9	0.036	0.014B	0.021	0.025	0.246	0.112	0.021	0.094	0.030	0.025	0.022	0.030B	9
10	0.031	0.012B	0.022	0.023	0.228	0.105	0.031	0.088	0.029	0.025	0.022	0.034B	10
11	0.025	0.013B	0.022	0.026	0.236	0.101	0.048	0.085	0.029	0.025	0.021	0.028B	11
12	0.026	0.014B	0.023	0.024	0.195	0.098	0.033	0.075	0.028	0.025	0.020	0.026B	12
13	0.027	0.015B	0.024	0.024	0.252	0.104	0.031	0.069	0.028	0.024	0.021	0.029B	13
14	0.026	0.018B	0.025	0.029	0.267	0.099	0.029	0.065	0.028	0.024	0.022	0.028B	14
15	0.024	0.022B	0.027	0.043	0.660	0.092	0.027	0.061	0.026	0.024	0.023	0.028B	15
16	0.021	0.024	0.027	0.048	0.623	0.083	0.024	0.057	0.026	0.023	0.023	0.027B	16
17	0.019	0.025	0.022	0.050	0.464	0.081	0.047	0.056	0.026	0.023	0.022	0.030B	17
18	0.020	0.022	0.022	0.045	0.307	0.082	0.121	0.053	0.025	0.023	0.022	0.035B	18
19	0.021	0.029	0.023	0.049	0.496	0.082	0.216	0.050	0.025	0.022	0.021	0.039B	19
20	0.021	0.026	0.023	0.049	0.645	0.076	0.149	0.042A	0.025	0.021	0.022	0.035B	20
21	0.021	0.023	0.025	0.048	0.766	0.069	0.115	0.040	0.024	0.021	0.021	0.030B	21
22	0.029	0.022	0.028	0.054	0.678	0.064	0.113	0.040	0.024	0.021	0.021	0.028B	22
23	0.029	0.023	0.026	0.102	0.488	0.060	0.134	0.039	0.025	0.022	0.021	0.029B	23
24	0.027	0.022	0.025	0.138	0.341	0.057	0.132	0.038	0.024	0.021	0.021	0.032B	24
25	0.026	0.023	0.038	0.123	0.421	0.053	0.127	0.035	0.025	0.022	0.021A	0.028B	25
26	0.025	0.022	0.041	0.150	0.361	0.051	0.123	0.034	0.024	0.022	0.021B	0.028B	26
27	0.024	0.022	0.040	0.146	0.269	0.057	0.125	0.034	0.024	0.022	0.022B	0.030B	27
28	0.023	0.022	0.036	0.153	0.228	0.053	0.111	0.033	0.024	0.022	0.021B	0.029B	28
29	0.022		0.034	0.162	0.192	0.047	0.198	0.033	0.024	0.023	0.022B	0.024B	29
30	0.022		0.030	0.496	0.167	0.045	0.153	0.033	0.024	0.022	0.021B	0.022B	30
31	0.024		0.030		0.185		0.140	0.034		0.022		0.020B	31
TOTAL	0.802	0.540	0.806	2.223	11.496	2.756	2.527	2.024	0.833	0.709	0.644	0.891	TOTAL
MEAN	0.026	0.019	0.026	0.074	0.371	0.092	0.082	0.065	0.028	0.023	0.021	0.029	MEAN
MAX	0.036	0.029	0.041	0.496	0.804	0.168	0.216	0.121	0.036	0.025	0.023	0.039	MAX
MIN	0.019	0.012	0.021	0.023	0.167	0.045	0.021	0.033	0.024	0.021	0.020	0.019	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 0.804 ON MAY 1
MINIMUM DAILY, 0.012B ON FEB 10
MAXIMUM INSTANTANEOUS,
0.901 AT 16:05 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 48 N
LONG 121 02 00 W
DRAINAGE AREA, 15.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	69.3	JUL	218
FEB	46.7	AUG	175
MAR	69.6	SEP	72.0
APR	192	OCT	61.3
MAY	993	NOV	55.6
JUN	238	DEC	77.0

TOTAL DISCHARGE, 2 270 dam³

BIG CREEK ABOVE GROUNDHOG CREEK - STATION NO. 08MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	1.24 B	1.03 B	1.07 B	13.3 A	20.6	11.6	31.0 E	4.72	1.95	8.77	1.40 B	1
2	2.65B	1.21 B	1.03 B	1.06 B	10.2	18.8	11.6	26.4 E	4.74	1.89	8.62	1.35 B	2
3	2.45B	1.19 B	1.02 B	1.05 B	7.80	17.7	16.7	22.5 E	4.26	1.79	6.14	1.30 B	3
4	2.32B	1.17 B	1.01 B	1.04 B	6.50	15.9	19.9	18.2 A	4.59	1.64	3.62	1.22 B	4
5	2.25B	1.13 B	1.00 B	1.03 B	5.51	14.2	14.9	15.4	5.22	1.48	3.66	1.18 B	5
6	2.21B	1.05 B	0.990B	1.02 B	5.77	13.2	13.4	13.9	4.62	1.61	3.46	1.20 B	6
7	2.19B	0.970B	0.980B	1.00 B	8.15	11.1	10.9	13.7	4.56	1.89	3.20	1.19 B	7
8	2.10B	0.910B	0.980B	0.990B	10.3	10.3	8.82	13.9	5.28	1.92	2.68	1.17 B	8
9	2.02B	0.850B	0.985B	0.995B	11.5	10.4	7.70	13.9	6.02	1.86	2.60	1.14 B	9
10	2.00B	0.833B	0.987B	1.00 B	10.3	10.2	7.44	13.6	5.31	1.65	2.51	1.10 B	10
11	1.99B	0.840B	0.990B	1.02 B	9.74	9.54	8.65	13.4	4.72	1.54	2.52	1.07 B	11
12	1.97B	0.860B	0.995B	1.03 B	9.99	9.04	8.88	12.4	4.24	1.62	3.91	1.06 B	12
13	1.95B	0.890B	1.00 B	1.03 B	13.5	9.00	9.78	11.6	3.77	1.66	2.96	1.04 B	13
14	1.92B	0.940B	1.00 B	1.04 B	14.6	9.81	13.6	11.4	3.55	1.76	2.70B	1.03 B	14
15	1.90B	0.990B	1.00 B	1.05 B	15.4	10.2	17.8	11.0	3.64	1.82	2.37B	1.01 B	15
16	1.87B	1.05 B	0.990B	1.06 B	16.0	9.36	17.8	10.2	4.36	1.80	2.02B	0.990B	16
17	1.81B	1.07 B	0.975B	1.08 B	22.1	8.47	17.1	9.90	4.85	1.73	1.71B	0.970B	17
18	1.77B	1.06 B	0.960B	1.17 B	18.1	7.73	21.4	9.88	5.73	1.62	1.60B	0.950B	18
19	1.72B	1.05 B	0.957B	1.33 B	22.0	7.53	24.0	9.85	5.48	1.49	1.81B	0.930B	19
20	1.69B	1.07 B	0.950B	1.70 B	36.0	7.39	28.7	8.81	4.38	1.34	1.91B	0.920B	20
21	1.68B	1.11 B	0.945B	2.75 B	46.3	7.22	24.0	8.11	3.58	1.31	1.90B	0.910B	21
22	1.67B	1.12 B	0.945B	4.60 B	43.3	6.98	20.1	7.38	3.18	1.42	1.89B	0.900B	22
23	1.66B	1.10 B	0.950B	7.00 E	36.5	6.86	18.0	7.68	2.97	1.66	1.85B	0.900B	23
24	1.66B	1.07 B	0.955B	10.0 E	35.5	6.72	23.1	7.95	2.62	1.60	1.75B	0.930B	24
25	1.63B	1.05 B	0.960B	7.20 E	36.0	6.93	21.3	7.73	2.54	1.72	1.64B	0.945B	25
26	1.60B	1.04 B	0.980B	4.90 E	29.7	8.31	19.3	5.81	2.47	1.61	1.57B	0.920B	26
27	1.53B	1.03 B	1.01 B	3.60 E	22.5	8.56	19.7	4.99	2.39	1.41	1.47B	0.905B	27
28	1.50B	1.04 B	1.05 B	3.10 E	18.6	8.12	18.5	4.42	2.30	1.44	1.41B	0.880B	28
29	1.41B		1.10 B	7.10 E	18.6	7.90	22.6	4.62	2.11	1.44	1.47B	0.860B	29
30	1.34B		1.11 B	11.7 E	23.4	11.1	35.9	5.49	2.01	1.21	1.45B	0.825B	30
31	1.28B		1.08 B		24.7		35.0 A	4.75		2.11		0.805B	31
TOTAL	58.74	28.933	30.914	83.715	601.86	309.17	548.17	359.87	120.21	50.99	85.17	32.000	TOTAL
MEAN	1.89	1.03	0.997	2.79	19.4	10.3	17.7	11.6	4.01	1.64	2.84	1.03	MEAN
MAX	3.00	1.24	1.11	11.7	46.3	20.6	35.9	31.0	6.02	2.11	8.77	1.40	MAX
MIN	1.28	0.833	0.945	0.990	5.51	6.72	7.44	4.42	2.01	1.21	1.41	0.805	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.33
MAXIMUM DAILY, 46.3 ON MAY 21
MINIMUM DAILY, 0.805B ON DEC 31
MAXIMUM INSTANTANEOUS,
52.4 AT 07:25 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 23 N
LONG 123 06 52 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 080	JUL	47 400
FEB	2 500	AUG	31 100
MAR	2 670	SEP	10 400
APR	7 230	OCT	4 410
MAY	52 000	NOV	7 360
JUN	26 700	DEC	2 760

TOTAL DISCHARGE, 200 000 dam³

BIG CREEK BELOW GRAVEYARD CREEK - STATION NO. 08MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.905B	0.490B	0.240B	0.203B	5.11	10.4	6.53	9.00	2.68	1.17	5.71	0.810B	1
2	0.890B	0.465B	0.245B	0.201B	3.88	9.72	8.02	7.89	2.38	1.07	5.26	0.790B	2
3	0.860B	0.455B	0.247B	0.200B	3.25	9.01	13.5	7.13	2.21	0.897	3.20	0.760B	3
4	0.840B	0.450B	0.250B	0.195B	2.62	7.91	11.6	6.81	2.60	0.793	2.10	0.730B	4
5	0.820B	0.445B	0.255B	0.192B	2.22	7.39	9.15	6.24	2.90	0.780	2.36	0.700B	5
6	0.820B	0.430B	0.251B	0.190B	2.18	6.60	7.47	6.45	2.69	1.10	2.01	0.699B	6
7	0.810B	0.405B	0.248B	0.189B	2.23	5.28	5.50	7.07	3.22	1.14	1.79	0.680B	7
8	0.790B	0.395B	0.240B	0.190B	2.48	4.59	4.32	7.48	4.09	0.980	1.62	0.660B	8
9	0.780B	0.365B	0.232B	0.191B	2.69	4.55	3.97	7.77	3.82	0.926	1.55	0.650B	9
10	0.770B	0.325B	0.225B	0.192B	2.71	4.54	3.82	7.83	3.24	0.742	1.51	0.630B	10
11	0.760B	0.315B	0.220B	0.195B	2.78	4.27	4.68	7.84	3.05	0.858	2.32	0.615B	11
12	0.747B	0.311B	0.215B	0.197B	3.50	3.90	5.20	7.38	2.34	0.883	2.39	0.600B	12
13	0.735B	0.312B	0.212B	0.199B	4.46	4.07	6.02	7.17	2.14	1.00	1.60	0.590B	13
14	0.722B	0.316B	0.210B	0.201B	4.92	4.47	8.59	6.98	2.19	1.05	1.30 B	0.570B	14
15	0.705B	0.321B	0.209B	0.212B	4.88	4.93	9.30	6.46	2.95	1.06	1.19 B	0.550B	15
16	0.695B	0.315B	0.207B	0.230B	6.21	4.26	8.45	6.09	3.31	0.972	1.11 B	0.545B	16
17	0.680B	0.310B	0.207B	0.285B	7.49	3.78	9.14	5.75	4.04	0.948	1.07 B	0.535B	17
18	0.660B	0.311B	0.206B	0.325B	7.92	3.67	10.8	5.99	4.12	0.937	1.02 B	0.530B	18
19	0.640B	0.315B	0.204B	0.375B	11.4	3.39	11.6	5.49	3.43	0.873	0.985B	0.527B	19
20	0.610B	0.320B	0.202B	0.620B	19.9	3.59	12.9	4.89	2.57	0.626	0.962B	0.521B	20
21	0.600B	0.315B	0.200B	1.10 B	20.5	3.26	10.9	4.32	2.21	0.607	0.955B	0.520B	21
22	0.602B	0.305B	0.197B	1.30 B	18.4	3.11	9.80	4.60	1.94	1.01	0.940B	0.521B	22
23	0.607B	0.290B	0.195B	1.88 B	16.3	2.91	9.48	4.67	1.62	0.904	0.920B	0.525B	23
24	0.602B	0.278B	0.194B	4.00 B	17.1	3.38	12.5	4.71	1.45	0.943	0.900B	0.530B	24
25	0.600B	0.265B	0.193B	2.30 B	18.5	4.42	10.5	3.75	1.47	0.876	0.865B	0.530B	25
26	0.590B	0.257B	0.196B	1.80 B	13.8	5.08	10.7	2.97	1.29	0.704	0.835B	0.527B	26
27	0.575B	0.250B	0.198B	1.57 B	10.5	4.95	10.5	2.57	1.29	0.730	0.805B	0.515B	27
28	0.560B	0.245B	0.199B	1.50 B	9.27	4.49	9.45	2.28	1.22	0.872	0.800B	0.500B	28
29	0.545B		0.200B	2.19	10.6	5.83	10.3	2.90	1.12	0.711	0.840B	0.485B	29
30	0.529B		0.203B	4.80	13.8	7.23	11.6	2.92	1.12	0.695	0.835B	0.465B	30
31	0.505B		0.205B		12.6		10.7	2.53		4.28		0.450B	31
TOTAL	21.554	9.576	6.705	27.222	264.20	154.98	276.99	175.93	74.70	31.137	49.752	18.260	TOTAL
MEAN	0.695	0.342	0.216	0.907	8.52	5.17	8.94	5.68	2.49	1.00	1.66	0.589	MEAN
MAX	0.905	0.490	0.255	4.80	20.5	10.4	13.5	9.00	4.12	4.28	5.71	0.810	MAX
MIN	0.505	0.245	0.193	0.189	2.18	2.91	3.82	2.28	1.12	0.607	0.800	0.450	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.04
MAXIMUM DAILY, 20.5 ON MAY 21
MINIMUM DAILY, 0.189B ON APR 7
MAXIMUM INSTANTANEOUS,
24.9 AT 19:45 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 37 N
LONG 123 05 33 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 860	JUL	23 900
FEB	827	AUG	15 200
MAR	579	SEP	6 450
APR	2 350	OCT	2 690
MAY	22 800	NOV	4 300
JUN	13 400	DEC	1 580

TOTAL DISCHARGE, 95 900 dam³

BIG SHEEP CREEK NEAR ROSSLAND - STATION NO. 08NE039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.65	3.90	5.57	9.51	43.9	36.3	11.9	4.57	1.23	0.877	2.41	2.55	1
2	5.53	3.83	5.48	8.64	47.7	29.5	11.3	4.22	1.23	0.990	2.60	2.55	2
3	5.19	3.65	5.41	8.24	36.3	26.5	9.62	3.96	1.22	0.927	2.72	2.36	3
4	4.92	3.59	5.75	7.77	29.3	23.6	8.73	3.82	1.22	0.909	2.78	2.30	4
5	4.73	3.50	6.08	7.62	24.2	20.9	8.63	3.66	1.21	0.954	2.73	2.45	5
6	4.44	3.46	5.68	7.27	20.4	23.6	10.2	3.42	1.15	1.10	2.66	2.53	6
7	4.25	3.34	5.38	6.84	18.3	22.0	13.9	3.20	1.12	1.30	2.55	2.42	7
8	4.09	3.48	5.22	6.67	16.6	20.3	16.3	2.96	1.09	1.62	2.49	2.29	8
9	3.93	3.35	5.05	6.53	15.9	22.3	15.2	2.74	1.08	1.99	2.43	2.29	9
10	3.80	3.00	4.92	6.10	16.4	22.6	13.7	2.62	1.05	1.93	2.37	2.60	10
11	3.65	3.00B	4.93	5.95	18.0	25.5	12.6	2.48	1.01	1.81	2.35	2.68	11
12	3.54	3.01	5.00	5.77	18.6	24.1	11.4	2.33	0.987	1.69	2.36	2.43	12
13	3.39	3.17	5.18	5.46	18.8	22.2	10.9	2.21	0.949	1.59	2.50	2.40	13
14	3.28	3.15	5.41	5.21	19.3	21.5	11.3	2.14	0.932	1.52	2.80	2.40	14
15	3.11	3.22	5.66	5.17	27.7	22.3	10.5	2.06	0.914	1.45	2.88	2.44	15
16	2.94	3.94	6.48	5.48	40.0	20.5	9.83	1.96	0.894	1.43	2.76	2.34	16
17	2.84	3.88	7.04	5.70	37.0	18.7	8.96	1.92	0.879	1.42	2.75	2.28	17
18	3.02	4.16	7.01	6.14	35.6	17.3	8.18	1.82	0.873	1.38	2.86	2.23	18
19	2.92	5.38	6.94	6.93	36.7	18.3	7.60	1.73	0.918	1.36	2.78	2.33	19
20	2.78	6.65	6.75	8.06	40.1	18.1	7.28	1.93	0.921	1.33	2.79	2.26	20
21	2.72	6.35	6.55	9.47	44.4	17.6	7.40	1.82	0.970	1.28	3.10	2.15	21
22	2.74	5.95	7.03	11.3	47.5	16.5	7.56	1.69	0.957	1.25	3.30	2.17B	22
23	3.16	5.77	7.41	13.4	45.3	16.0	6.95	1.61	0.922	1.24	3.32	2.15B	23
24	3.99	5.71	7.43	21.8	41.5	14.9	6.82	1.52	0.929	1.24	3.21	2.13B	24
25	4.31	6.70	7.41	33.1	42.5	13.9	6.59	1.44	0.924A	1.21	2.97	2.08	25
26	4.39	6.36	7.58	26.8	55.4	13.0	6.04	1.37	0.843	1.21	2.87	2.01	26
27	4.39	5.98	7.58	22.8	43.8	12.3	5.64	1.31	0.843	1.28	2.71	1.95	27
28	4.33	5.78	7.64	20.7	35.8	11.6	5.18	1.25	0.938	1.56	2.53	1.94B	28
29	4.31		7.85	22.0	30.9	10.5	4.87	1.21	0.898	2.13	2.56	1.88B	29
30	4.19		8.20	26.0	30.2	9.81	5.24	1.23	0.867	2.40	2.55	1.82B	30
31	4.06		8.79		46.3		4.91	1.19		2.40		1.79B	31
TOTAL	120.59	123.26	198.41	342.43	1 024.4	592.21	285.23	71.39	29.968	44.777	81.69	70.20	TOTAL
MEAN	3.89	4.40	6.40	11.4	33.0	19.7	9.20	2.30	0.999	1.44	2.72	2.26	MEAN
MAX	5.65	6.70	8.79	33.1	55.4	36.3	16.3	4.57	1.23	2.40	3.32	2.68	MAX
MIN	2.72	3.00	4.92	5.17	15.9	9.81	4.87	1.19	0.843	0.877	2.35	1.79	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 55.4 ON MAY 26
MINIMUM DAILY, 0.843 ON SEP 26
MAXIMUM INSTANTANEOUS,
60.9 AT 09:11 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 00 N
LONG 117 56 40 W
DRAINAGE AREA, 347 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 400	JUL	24 600
FEB	10 600	AUG	6 170
MAR	17 100	SEP	2 590
APR	29 600	OCT	3 870
MAY	88 500	NOV	7 060
JUN	51 200	DEC	6 070

TOTAL DISCHARGE, 258 000 dam³

BINGS CREEK (WEST BRANCH) NEAR DUNCAN - STATION NO. 08HA042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.025	0.040	0	0	0	0	---	---	---	1
2	---	---	---	0.022	0.040	0	0	0	0	---	---	---	2
3	---	---	---	0.018	0.038	0	0	0	0	---	---	---	3
4	---	---	---	0.015	0.045	0	0	0	0	---	---	---	4
5	---	---	---	0.094	0.037	0.009	0	0	0	---	---	---	5
6	---	---	---	0.072	0.050	0.002	0	0	0	---	---	---	6
7	---	---	---	0.068	0.048	0	0	0	0	---	---	---	7
8	---	---	---	0.050	0.050	0	0	0	0	---	---	---	8
9	---	---	---	0.043	0.045	0.008	0	0	0	---	---	---	9
10	---	---	---	0.040	0.036	0.010	0	0	0	---	---	---	10
11	---	---	---	0.038	0.028	0.005	0	0	0	---	---	---	11
12	---	---	---	0.050	0.022	0.002	0	0	0	---	---	---	12
13	---	---	---	0.053	0.019	0	0	0	0	---	---	---	13
14	---	---	---	0.055	0.014	0	0	0	0	---	---	---	14
15	---	---	---	0.053	0.010	0	0	0	0	---	---	---	15
16	---	---	---	0.050	0.008	0.005	0	0	0	---	---	---	16
17	---	---	---	0.045	0.007	0	0	0	0	---	---	---	17
18	---	---	---	0.036	0.007	0.086	0	0	0	---	---	---	18
19	---	---	0.001	0.030	0.007	0.043	0	0	0	---	---	---	19
20	---	---	---	0.020	0.004	0.028	0	0	0	---	---	---	20
21	---	---	---	0.020	0.002	0.033	0	0	0	---	---	---	21
22	---	---	---	0.032	0	0.036	0	0	0	---	---	---	22
23	---	---	---	0.026	0	0.018	0	0	0	---	---	---	23
24	---	---	---	0.018	0	0.012	0	0	0	---	---	---	24
25	---	---	---	0.014	0.034	0.009	0	0	0	---	---	---	25
26	---	---	---	0.012	0.006	0.007	0	0	0	---	---	---	26
27	---	---	---	0.018	0	0.019	0	0	0	---	---	---	27
28	---	---	---	0.056	0	0.007	0	0	0	---	---	---	28
29	---		---	0.053	0	0.002	0	0	0	---	---	---	29
30	---		---	0.053	0.003	0	0	0	0	---	---	---	30
31	---		---		0		0	0		---		---	31
TOTAL	---	---	---	1.179	0.600	0.341	0	0	0	---	---	---	TOTAL
MEAN	---	---	---	0.039	0.019	0.011	0	0	0	---	---	---	MEAN
MAX	---	---	---	0.094	0.050	0.086	0	0	0	---	---	---	MAX
MIN	---	---	---	0.012	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAY 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 11 N
LONG 123 46 03 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	102	OCT	---
MAY	51.8	NOV	---
JUN	29.5	DEC	---

BINGS CREEK AT DRINKWATER ROAD - STATION NO. 08HA043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.024	0.030	0	0	0	0	---	---	---	1
2	---	---	---	0.021	0.028	0	0	0	0	---	---	---	2
3	---	---	---	0.018	0.024	0	0	0	0	---	---	---	3
4	---	---	---	0.014	0.028	0	0	0	0	---	---	---	4
5	---	---	---	0.037	0.026	0	0	0	0	---	---	---	5
6	---	---	---	0.043	0.018	0	0	0	0	---	---	---	6
7	---	---	---	0.035	0.039	0	0	0	0	---	---	---	7
8	---	---	---	0.033	0.038	0	0	0	0	---	---	---	8
9	---	---	---	0.027	0.030	0	0	0	0	---	---	---	9
10	---	---	---	0.025	0.027	0.001	0	0	0	---	---	---	10
11	---	---	---	0.023	0.022	0.001	0	0	0	---	---	---	11
12	---	---	---	0.032	0.017	0	0	0	0	---	---	---	12
13	---	---	---	0.034	0.014	0	0	0	0	---	---	---	13
14	---	---	---	0.037	0.011	0	0	0	0	---	---	---	14
15	---	---	---	0.038	0.007	0	0	0	0	---	---	---	15
16	---	---	---	0.038	0.006	0	0	0	0	---	---	---	16
17	---	---	---	0.038	0.003	0	0	0	0	---	---	---	17
18	---	---	---	0.030	0.003	0.019	0	0	0	---	---	---	18
19	---	---	0	0.023	0.002	0.034	0	0	0	---	---	---	19
20	---	---	---	0.018	0.001	0.020	0	0	0	---	---	---	20
21	---	---	---	0.016	0	0.019	0	0	0	---	---	---	21
22	---	---	---	0.022	0	0.018	0	0	0	---	---	---	22
23	---	---	---	0.020	0	0.008	0	0	0	---	---	---	23
24	---	---	---	0.017	0	0.006	0	0	0	---	---	---	24
25	---	---	---	0.014	0.009	0.002	0	0	0	---	---	---	25
26	---	---	---	0.011	0.004	0	0	0	0	---	---	---	26
27	---	---	---	0.016	0	0.001	0	0	0	---	---	---	27
28	---	---	---	0.056	0	0	0	0	0	---	---	---	28
29	---		---	0.048	0	0	0	0	0	---	---	---	29
30	---		---	0.042	0	0	0	0	0	---	---	---	30
31	---		---		0		0	0		---		---	31
TOTAL	---	---	---	0.850	0.387	0.129	0	0	0	---	---	---	TOTAL
MEAN	---	---	---	0.028	0.012	0.004	0	0	0	---	---	---	MEAN
MAX	---	---	---	0.056	0.039	0.034	0	0	0	---	---	---	MAX
MIN	---	---	---	0.011	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAR 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 11 N
LONG 123 45 52 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	73.4	OCT	---
MAY	33.4	NOV	---
JUN	11.1	DEC	---

BINGS CREEK NEAR THE MOUTH - STATION NO. 08HA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19	0.644	0.644	0.275	0.290	0.102	0.069	0.037	0.025	0.093	1.25 E	2.13	1
2	0.968	0.622	0.578	0.206	0.275	0.093	0.069	0.037	0.023	0.102	0.982	1.62	2
3	0.776	0.490	0.512	0.219E	0.275	0.102	0.063	0.037	0.024	0.041	0.578	1.42	3
4	0.644	0.472	0.472	0.232	0.320	0.144	0.063	0.037	0.023	0.041	0.472	1.30	4
5	0.578	0.436	0.454	0.644	0.275	0.144	0.063	0.033	0.023	0.075	0.384	5.10	5
6	0.512	0.384	0.400	0.436	0.290	0.111	0.057	0.033	0.023	0.132	0.290	4.89	6
7	0.472	0.352	0.368	0.352	0.320	0.102	0.057	0.033	0.023	0.120	0.245	4.82	7
8	0.454	0.320	0.320	0.368	0.305	0.132	0.057	0.033	0.023	0.111	0.219	4.23 E	8
9	0.490	0.320	0.305	0.305	0.305	0.111	0.057	0.029	0.023	0.102	0.193	3.63	9
10	0.436	0.290	0.275	0.305	0.260	0.111	0.051	0.029	0.021	0.084	0.168	3.16	10
11	0.400	0.260	0.260	0.275	0.239	0.102	0.051	0.029	0.021	0.069	1.02	2.93	11
12	0.384	0.320	0.245	0.820	0.219	0.102	0.051	0.029	0.021	0.069	0.940	2.13	12
13	0.336	0.710	0.232	0.490	0.193	0.093	0.051	0.029	0.021	0.063	0.710	0.996	13
14	0.320	1.39	0.219	0.472	0.168	0.084	0.051	0.029	0.021	0.063	0.940E	1.42	14
15	0.305	3.03	0.213E	0.418	0.156	0.111	0.051	0.025	0.021	0.063	1.22 E	2.48	15
16	0.290	4.71	0.206	0.384	0.156	0.093	0.045	0.025	0.019	0.063	1.47	2.13	16
17	0.275	3.03	0.193	0.320	0.144	0.093	0.045	0.025	0.019	0.057	2.23	1.81	17
18	1.78	3.26	0.180	0.290	0.156	0.275	0.045	0.025	0.033	0.057	1.84	1.68	18
19	1.02	5.30	0.174	0.245	0.144	0.206	0.045	0.025	0.029	0.057	1.22	3.91	19
20	0.776	2.45	0.168	0.219	0.144	0.219	0.045	0.025	0.025	0.057	1.05	2.00	20
21	1.33	1.56	0.168	0.232	0.120	0.206	0.045	0.025	0.051	0.051	3.84	1.33	21
22	1.39	1.22	0.168	0.290	0.120	0.156	0.045	0.023	0.041	0.039	3.91	1.16	22
23	1.16	0.996	0.168	0.260	0.111	0.120	0.045	0.023	0.041	0.039	2.55	1.08	23
24	0.868	0.868	0.168	0.232	0.290	0.111	0.045	0.023	0.041	0.041	1.50	1.33	24
25	0.798	0.968E	0.232	0.193	0.260	0.107E	0.041	0.023	0.041	0.037	1.16	1.19	25
26	1.16	1.08	0.168	0.180	0.144	0.102E	0.041	0.023	0.076E	0.037	0.868	1.14	26
27	0.868	0.844	0.168	0.260	0.120	0.098E	0.041	0.023	0.111	0.037	0.732	0.940	27
28	1.62	0.798	0.232	0.454	0.111	0.093	0.041	0.023	0.069	0.037	0.666	0.798	28
29	1.22		0.320	0.352	0.132	0.075	0.041	0.021	0.063	0.037	0.534	0.732	29
30	0.916		0.260	0.305	0.111	0.075	0.037	0.021	0.063	0.041	0.472	0.644	30
31	0.754		0.384		0.111		0.037	0.041		0.798		0.556	31
TOTAL	24.490	37.124	8.854	10.033	6.264	3.673	1.545	0.873	1.058	2.713	33.653	64.686	TOTAL
MEAN	0.790	1.33	0.286	0.334	0.202	0.122	0.050	0.028	0.035	0.088	1.12	2.09	MEAN
MAX	1.78	5.30	0.644	0.820	0.320	0.275	0.069	0.041	0.111	0.798	3.91	5.10	MAX
MIN	0.275	0.260	0.168	0.180	0.111	0.075	0.037	0.021	0.019	0.037	0.168	0.556	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.534
MAXIMUM DAILY, 5.30 ON FEB 19
MINIMUM DAILY, 0.019 ON SEP 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 22 N
LONG 123 43 28 W
DRAINAGE AREA, 15.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 120	JUL	133
FEB	3 210	AUG	75.4
MAR	765	SEP	91.4
APR	867	OCT	234
MAY	541	NOV	2 910
JUN	317	DEC	5 590

TOTAL DISCHARGE, 16 900 dam³

BLACK CREEK AT STURGESS ROAD - STATION NO. 08HD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.18	0.589	0.318	---	---	---	---	---	---	1
2	---	---	---	0.992	0.577E	0.286E	---	---	---	---	---	---	2
3	---	---	---	0.859	0.565	0.254	---	---	---	---	---	---	3
4	---	---	---	0.811	0.928	0.234	---	---	---	---	---	---	4
5	---	---	---	1.06	0.973	0.252	---	0.002	---	---	---	---	5
6	---	---	---	0.966	0.954	0.265E	---	---	---	---	---	---	6
7	---	---	---	0.877	0.986	0.260E	---	---	---	---	---	---	7
8	---	---	---	0.829	0.986	0.258E	---	---	---	---	---	---	8
9	---	---	---	0.769	0.885E	0.252E	---	---	---	---	---	---	9
10	---	---	---	0.745	0.785E	0.210E	---	---	---	---	---	---	10
11	---	---	---	0.893E	0.685	0.198	---	---	---	---	---	---	11
12	---	---	---	1.04 E	0.631	---	---	---	---	---	---	---	12
13	---	---	---	1.19	0.651E	---	---	---	---	---	---	---	13
14	---	---	---	1.14	0.504	---	---	---	---	---	---	---	14
15	---	---	---	1.05	0.691	---	---	---	---	---	---	---	15
16	---	---	---	0.915	0.643	---	---	---	---	---	---	---	16
17	---	---	---	0.865	0.571	---	---	---	---	---	---	---	17
18	---	---	---	0.751	0.505	---	---	---	0.020	---	---	---	18
19	---	---	---	0.649	0.469E	---	---	---	0.027	---	---	---	19
20	---	---	---	0.565	0.433	---	---	---	0.026	---	---	---	20
21	---	---	---	0.499	0.379	---	---	---	---	---	---	---	21
22	---	---	---	0.541	0.395E	---	---	---	0.460	---	---	---	22
23	---	---	---	0.577	0.411E	---	---	---	---	---	---	---	23
24	---	---	---	0.565	0.427	---	---	---	---	---	---	---	24
25	---	---	---	0.505E	0.463	---	---	---	---	---	---	---	25
26	---	---	---	0.445	0.535E	---	---	---	---	---	---	---	26
27	---	---	---	0.469	0.607	---	---	---	---	---	---	---	27
28	---	---	---	0.595E	0.584E	---	---	---	0.249	---	---	---	28
29	---		---	0.721	0.561E	---	---	---	---	---	---	---	29
30	---		1.32	0.673	0.538	0.173	---	---	---	---	---	---	30
31	---		---		0.428E		---	---		---		---	31
TOTAL	---	---	---	23.736	19.339	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	0.791	0.624	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	1.19	0.986	---	---	---	---	---	---	---	MAX
MIN	---	---	---	0.445	0.379	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 48 29 N
LONG 125 08 33 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	2 050	OCT	---
MAY	1 670	NOV	---
JUN	---	DEC	---

BLACK MOUNTAIN IRRIGATION DIVERSION NEAR KELOWNA - STATION NO. 08NM019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.045E	0.045	0.048	0.048	0.212E	0.396	0.898	0.909	0.272	0.057E	0.096E	0.062E	1
2	0.045E	0.045	0.045	0.048	0.170E	0.487	1.06	0.816	0.269	0.057E	0.167E	0.059E	2
3	0.045E	0.045	0.042	0.045	0.085E	0.547	1.24	0.898	0.300	0.059E	0.187E	0.057	3
4	0.045E	0.042	0.042	0.048	0.133E	0.657	1.18	1.14	0.232	0.057E	0.173E	0.051	4
5	0.045	0.042	0.042	0.048	0.085E	0.589	1.03	1.25	0.238	0.054E	0.113E	0.059	5
6	0.045	0.045	0.048	0.048	0.068E	0.547	0.960	1.33	0.306	0.051E	0.059	0.059	6
7	0.042	0.042	0.048	0.048	0.074E	0.549	0.442	1.29	0.422	0.051E	0.059	0.057	7
8	0.045	0.042	0.048	0.048	0.099E	0.566	0.572	1.32	0.595	0.054E	0.059	0.057	8
9	0.045	0.042	0.048	0.048	0.136E	0.408	0.527	1.25	0.634	0.051E	0.170E	0.048	9
10	0.045	0.042	0.045	0.054	0.170E	0.297	0.456	1.39	0.680	0.054E	0.212E	0.051	10
11	0.045	0.045	0.045	0.045	0.164E	0.314	0.459	1.40	0.739	0.099E	0.204E	0.051	11
12	0.045	0.042	0.048	0.045	0.184E	0.306	0.527	1.29	0.682	0.167E	0.190E	0.051	12
13	0.045	0.042	0.048	0.062	0.227	0.167	0.453	1.42	0.640	0.190E	0.176E	0.051	13
14	0.042	0.045	0.051	0.102E	0.235	0.170	0.337	1.25	0.719	0.204E	0.159E	0.048	14
15	0.045	0.045	0.051	0.150E	0.105	0.328	0.442	1.30	0.767	0.212E	0.142E	0.048	15
16	0.042	0.045	0.048	0.198E	0.096	0.439	0.634	1.04	0.824	0.215E	0.136E	0.051	16
17	0.045	0.003	0.045	0.246E	0.105	0.586	0.898	1.06	0.750	0.218E	0.130E	0.048	17
18	0.045	0.045	0.045	0.238E	0.210	0.450	0.614	1.10	0.648	0.218E	0.122E	0.054	18
19	0.045	0.042	0.045	0.272E	0.235	0.354	0.682	1.04	0.238	0.221E	0.116E	0.048	19
20	0.045	0.045	0.051	0.286E	0.326	0.385	0.699	0.915	0.181	0.221E	0.113E	0.048	20
21	0.045	0.042	0.057	0.263E	0.249	0.430	0.875	0.988	0.161	0.221E	0.105E	0.051	21
22	0.045	0.042	0.057	0.227E	0.289	0.541	1.04	0.985	0.133	0.221E	0.099E	0.051	22
23	0.042	0.045	0.048	0.215E	0.345	0.646	0.983	1.08	0.096	0.218E	0.093E	0.059	23
24	0.048	0.042	0.048	0.150E	0.357	0.878	0.524	1.10	0.093	0.218E	0.088E	0.054	24
25	0.048	0.042	0.054	0.133E	0.263	1.04	0.535	1.17	0.068	0.212E	0.079E	0.054	25
26	0.045	0.045	0.054	0.119E	0.215	1.19	0.702	1.24	0.062	0.125E	0.074E	0.048	26
27	0.016	0.040	0.054	0.142E	0.235	1.00	1.00	1.17	0.065	0.062E	0.071E	0.048	27
28	0.034	0.048	0.054	0.173E	0.343	1.08	1.09	1.14	0.071	0.054E	0.068E	0.048	28
29	0.054		0.054	0.195E	0.439	1.06	0.878	0.660	0.071E	0.051E	0.065E	0.051	29
30	0.048		0.048	0.227E	0.317	0.909	0.949	0.450	0.071E	0.048E	0.062E	0.051	30
31	0.045		0.051		0.275		0.943	0.470		0.048E		0.048	31
TOTAL	1.361	1.177	1.512	3.971	6.446	17.316	23.629	33.861	11.027	3.988	3.587	1.621	TOTAL
MEAN	0.044	0.042	0.049	0.132	0.208	0.577	0.762	1.09	0.368	0.129	0.120	0.052	MEAN
MAX	0.054	0.048	0.057	0.286	0.439	1.19	1.24	1.42	0.824	0.221	0.212	0.062	MAX
MIN	0.016	0.003	0.042	0.045	0.068	0.167	0.337	0.450	0.062	0.048	0.059	0.048	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.300
MAXIMUM DAILY, 1.42 ON AUG 13
MINIMUM DAILY, 0.003 ON FEB 17

DATA CONTRIBUTED BY -
BLACK MOUNTAIN IRRIGATION DISTRICT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 25 N
LONG 119 17 58 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	118	JUL	2 040
FEB	102	AUG	2 930
MAR	131	SEP	953
APR	383	OCT	345
MAY	557	NOV	310
JUN	1 500	DEC	140

TOTAL DISCHARGE, 9 470 dam³

BLACKHILL CREEK NEAR PAVILION - STATION NO. 08MD029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.012	0.070E	0.009E	0	0	0	---	---	1
2	---	---	---	0	0.010	0.050E	0.009E	0	0	---	---	---	2
3	---	---	---	0 E	0.010	0.050E	0.008E	0	0	---	---	---	3
4	---	---	---	0 E	0.008	0.050E	0.008E	0	0	---	---	---	4
5	---	---	---	0 E	0.010	0.050E	0.007E	0	0	---	---	---	5
6	---	---	---	0 E	0.010	0.040E	0.006E	0	0	---	---	---	6
7	---	---	---	0 E	0.011	0.040E	0.004E	0	0	---	---	---	7
8	---	---	---	0 E	0.011	0.030E	0.003E	0	0	---	---	---	8
9	---	---	---	0 E	0.015	0.030E	0.002E	0	0	---	---	---	9
10	---	---	---	0 E	0.024	0.020E	0.002E	0	0	---	---	---	10
11	---	---	---	0 E	0.019	0.020E	0.002E	0	0	---	---	---	11
12	---	---	---	0 E	0.017	0.020E	0.002E	0	0	---	---	---	12
13	---	---	---	0 E	0.019	0.020E	0.002E	0	0	---	---	---	13
14	---	---	---	0 E	0.020	0.015E	0.003E	0	0	---	---	---	14
15	---	---	---	0 E	0.060	0.015E	0.003E	0	0	---	---	---	15
16	---	---	---	0 E	0.058	0.010E	0.003E	0	0	---	---	---	16
17	---	---	---	0 E	0.048	0.010E	0.003A	0	0	---	---	---	17
18	---	---	---	0 E	0.044	0.009E	0.003	0	0	---	---	---	18
19	---	---	---	0 E	0.048	0.009E	0.002	0	0	---	---	---	19
20	---	---	---	0 E	0.045	0.008E	0.002	0	0	---	---	---	20
21	---	---	---	0.001E	0.054	0.008E	0.002	0	0	---	---	---	21
22	---	---	---	0.001E	0.061	0.008E	0.002A	0	0	---	---	---	22
23	---	---	---	0.002E	0.048	0.008E	0.003	0	0	---	---	---	23
24	---	---	---	0.002E	0.048	0.009A	0.006	0	0	---	---	---	24
25	---	---	---	0.002E	0.084	0.011	0.004	0	0	---	---	---	25
26	---	---	---	0.003E	0.165	0.011A	0.002	0	0	---	---	---	26
27	---	---	---	0.004E	0.170	0.011E	0.002	0	0	---	---	---	27
28	---	---	---	0.005E	0.147A	0.011E	0.001	0	0	---	---	---	28
29	---		---	0.006A	0.130E	0.011E	0.001	0	0	---	---	---	29
30	---		---	0.009	0.110E	0.011E	0.001	0	0	---	---	---	30
31	---		---		0.090E		0.001	0		---		---	31
TOTAL	---	---	---	0.035	1.606	0.665	0.108	0	0	---	---	---	TOTAL
MEAN	---	---	---	0.001	0.052	0.022	0.003	0	0	---	---	---	MEAN
MAX	---	---	---	0.009	0.170	0.070	0.009	0	0	---	---	---	MAX
MIN	---	---	---	0	0.008	0.008	0.001	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.170 ON MAY 27
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.425 AT 11:10 PST ON MAY 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 08 N
LONG 121 53 43 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9.33
FEB	---	AUG	0
MAR	---	SEP	0
APR	3.02	OCT	---
MAY	139	NOV	---
JUN	57.5	DEC	---

BLAEBERRY RIVER ABOVE WILLOWBANK CREEK - STATION NO. 08NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5 B	4.42B	2.34	3.51	25.9	51.0	49.6	54.7	28.3	9.26	7.87	4.13	1
2	9.49B	4.11B	2.42	3.65	30.6	52.7	49.0	49.6	26.5	14.5	8.41	4.17	2
3	8.64B	3.82B	2.54	3.43	25.8	59.5	51.8	47.3	21.1	10.8	7.42	4.02	3
4	7.96B	3.54B	2.46	3.37	22.0	54.1	63.4	44.7	20.8	9.54	6.74A	3.94	4
5	7.53B	3.28B	2.46	3.34	19.5	45.6	71.9	43.6	20.6	8.98	6.21	3.98	5
6	7.05B	3.09B	2.28	3.20	17.4	45.6	73.1	45.9	20.1	8.61	6.02	4.00	6
7	7.31B	3.14B	2.12	3.09	16.3	42.2	64.8	48.1	21.3	8.55	5.89	3.87	7
8	7.53B	3.23B	2.39	3.09	15.9	36.5	50.4	51.5	25.0	9.09	5.71	3.88	8
9	7.79B	3.26B	2.19	3.06	17.3	32.0	39.1	48.7	28.1	8.75	5.59	3.85	9
10	7.70B	2.94B	2.25	3.00	18.3	29.4	36.0	49.0	25.9	8.33	5.36	3.92	10
11	7.42B	2.68B	2.34	2.97	19.1	28.0	40.2	50.4	22.7	7.82	5.36	3.84	11
12	7.14B	2.80B	2.57	2.94	20.1	26.4	42.5	52.7	23.5	7.53	5.47	3.52	12
13	6.77B	2.94B	2.62	2.81	21.3	26.3	45.3	53.2	19.7	7.31	5.46	2.35B	13
14	6.31B	3.09B	2.70	2.80	23.0	26.5	79.9	50.4	18.2	7.08	5.23	2.44B	14
15	5.80B	3.26B	2.74	3.03	24.6	31.1	68.5	49.6	18.6	7.08A	5.19	2.58B	15
16	5.32B	3.23B	2.77	3.62	24.0	35.1	63.7	49.8	22.4	7.05	5.20	2.66B	16
17	4.79B	3.14B	2.80	4.28	26.2	31.1	66.0	48.7	24.7	6.94	4.97	2.83B	17
18	4.76B	3.00B	2.80	4.96	30.9	26.6	65.7	44.7	25.5	6.77	4.93	3.11B	18
19	4.81B	2.94B	2.74	6.06	37.4	24.9	67.4	43.3	32.6	6.74	4.83	3.14B	19
20	4.96B	2.83	2.76	7.42	45.6	23.2	64.8	43.3	24.6	6.48	4.72	3.14B	20
21	5.15B	2.74	2.59	8.38	56.6	22.4	68.2	38.8	17.6	6.03	4.74	3.14B	21
22	5.38B	2.62	3.03	8.92	65.4	21.4	67.1	34.5	15.3	6.03	4.76	3.11B	22
23	5.55B	2.59	2.94	10.4	67.7	21.2	63.4	36.0	14.1	5.97	4.61	3.06B	23
24	5.35B	2.56	2.92	16.7	69.9	20.7	57.5	37.4	13.1	5.92	4.44	3.09B	24
25	5.07B	2.52	2.97	16.4	72.5	22.6	51.5	42.2	11.9	5.95	3.94	3.11B	25
26	4.96B	2.44	2.92	14.2	88.9	32.6	50.4	44.2	11.1	6.51	4.15	3.14B	26
27	4.81B	2.36	3.00	12.6	73.9	37.4	54.7	41.6	10.3	6.06	4.08	2.97B	27
28	4.73B	2.46	3.03	12.7	55.8	30.6	62.0	32.6	10.1	6.20	3.95	2.72B	28
29	4.67B		3.09	13.0	48.1	28.6	66.0	30.9	9.60	6.54	3.94	2.49B	29
30	4.64B		3.26	13.8	52.4	34.8	66.3	28.6	9.09	6.12	4.07	2.32B	30
31	4.64B		3.37		59.7		61.7	24.4		5.95		2.12B	31
TOTAL	194.53	85.03	83.41	200.73	1 192.1	1 000.1	1 821.9	1 360.4	592.39	234.49	159.26	100.64	TOTAL
MEAN	6.28	3.04	2.69	6.69	38.5	33.3	58.8	43.9	19.7	7.56	5.31	3.25	MEAN
MAX	10.5	4.42	3.37	16.7	88.9	59.5	79.9	54.7	32.6	14.5	8.41	4.17	MAX
MIN	4.64	2.36	2.12	2.80	15.9	20.7	36.0	24.4	9.09	5.92	3.94	2.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.2
MAXIMUM DAILY, 88.9 ON MAY 26
MINIMUM DAILY, 2.12 ON MAR 7
MAXIMUM INSTANTANEOUS,
96.0 AT 08:20 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 53 N
LONG 116 58 06 W
DRAINAGE AREA, 588 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 800	JUL	157 000
FEB	7 350	AUG	118 000
MAR	7 210	SEP	51 200
APR	17 300	OCT	20 300
MAY	103 000	NOV	13 800
JUN	86 400	DEC	8 700

TOTAL DISCHARGE, 607 000 dam³

BLAEBERRY RIVER BELOW ENSIGN CREEK - STATION NO. 08NB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.36B	1.90 B	0.892B	1.07	10.2	20.1	20.9	27.2	14.6	5.04	4.64	1.83E	1
2	3.88B	1.78 B	0.906B	1.06	11.3	22.3	20.2	25.7	12.1	6.80	3.62	1.84E	2
3	3.51B	1.66 B	0.883	1.06	9.23	24.4	22.8	25.4	10.1	4.93	3.11	1.76E	3
4	3.14B	1.56 B	0.864	1.03	7.76	20.8	28.6	23.7	10.1	4.39	2.92A	1.76E	4
5	2.89B	1.44 B	0.864	1.06	6.91	16.8	31.1	23.9	9.51	3.96	2.73	1.76E	5
6	2.75B	1.39 B	0.835B	1.04	6.26	17.4	28.9	25.0	9.43	3.74	2.69	1.76E	6
7	2.86B	1.40 B	0.807B	1.03	5.86	15.5	24.9	27.6	10.2	3.94	2.65	1.73E	7
8	3.00B	1.42 B	0.892B	1.03	6.03	12.9	17.6	28.9	12.9	4.02	2.56	1.72E	8
9	3.11B	1.47 B	0.850B	1.03	6.85	10.8	14.0	27.6	14.6	3.68	2.49	1.72E	9
10	3.00B	1.33 B	0.864B	1.01	7.31	10.0	13.6	27.8	12.8	3.51	2.42	1.72E	10
11	2.83B	1.19 B	0.892B	1.01	7.82	9.57	15.2	28.6	12.0	3.26	2.45	1.66E	11
12	2.68B	1.23 B	0.917	1.01	8.16	9.37	16.3	30.0	12.0	3.14	2.53	1.56E	12
13	2.53B	1.26 B	0.920	1.02	8.75	9.68	17.8	30.3	10.4	3.09	2.41	1.43B	13
14	2.38B	1.30 B	0.960	1.03	9.71	10.0	36.8	28.9	9.71	3.03	2.36	1.49B	14
15	2.19B	1.33 B	0.954	1.08	9.94	11.9	30.0	28.9	10.1	3.00	2.33	1.57B	15
16	2.07B	1.25 B	0.946	1.28	9.80	13.7	30.0	28.6	12.0	3.06	2.27	1.66B	16
17	1.95B	1.13 B	0.949	1.31	11.0	11.4	29.7	27.7	13.0	2.97	2.16	1.72B	17
18	1.94B	1.07	0.926	1.55	13.7	9.60	28.3	25.3	13.7	2.92	2.18	1.89B	18
19	1.98B	1.02	0.906B	1.89	17.3	9.03	29.7	25.3	17.7	2.89	2.13	1.91B	19
20	2.05B	0.994	0.906B	2.12	21.0	8.72	28.1	25.1	11.8	2.74	2.10	1.91B	20
21	2.12B	0.980	0.906B	2.30	26.7	8.58	30.3	22.1	8.61	2.64	2.10	1.90B	21
22	2.21B	0.949	0.988	2.35	30.9	8.41	28.6	19.7	7.39A	2.66	2.06	1.87B	22
23	2.32B	0.954	0.988	3.14	33.1	8.75	29.4	20.2	6.65	2.62	2.04	1.86B	23
24	2.27B	0.943	0.991	5.61	34.0	8.83	25.6	20.8	6.06	2.62	1.87	1.87B	24
25	2.18B	0.917	1.00	4.90	35.1	10.3	23.2	24.8	5.47	2.72	1.77E	1.87B	25
26	2.14B	0.906B	0.997	3.96	40.8	15.2	22.9	25.5	5.10	2.78	1.82E	1.91B	26
27	2.10B	0.878B	1.01	3.45	32.0	16.0	27.2	23.0	4.76	2.77	1.80E	1.76B	27
28	2.07B	0.920B	1.01	3.48	22.7	12.6	29.2	18.3	4.73	2.86	1.76E	1.63B	28
29	2.02B		1.05	3.74	19.9	12.0	30.0	17.2	4.47	2.82	1.76E	1.51B	29
30	2.01B		1.06	4.33	22.7	16.0	32.6	15.3	4.08	2.61	1.80E	1.39B	30
31	2.01B		1.04		24.6		30.6	12.6		2.70		1.29B	31
TOTAL	78.55	34.571	28.973	60.98	517.39	390.64	794.1	761.0	296.07	103.91	71.53	53.24	TOTAL
MEAN	2.53	1.23	0.935	2.03	16.7	13.0	25.6	24.5	9.87	3.35	2.38	1.72	MEAN
MAX	4.36	1.90	1.06	5.61	40.8	24.4	36.8	30.3	17.7	6.80	4.64	1.91	MAX
MIN	1.94	0.878	0.807	1.01	5.86	8.41	13.6	12.6	4.08	2.61	1.76	1.29	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.74
MAXIMUM DAILY, 40.8 ON MAY 26
MINIMUM DAILY, 0.807B ON MAR 7
MAXIMUM INSTANTANEOUS,
44.7 AT 02:00 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 17 N
LONG 116 44 33 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 790	JUL	68 600
FEB	2 990	AUG	65 800
MAR	2 500	SEP	25 600
APR	5 270	OCT	8 980
MAY	44 700	NOV	6 180
JUN	33 800	DEC	4 600

TOTAL DISCHARGE, 276 000 dam³

BLUE RIVER NEAR THE MOUTH - STATION NO. 10AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.53B	4.40B	4.21B	3.80B	4.48B	102	37.6	21.0	30.5	21.0	18.2 B	8.80B	1
2	5.60B	4.40B	4.30B	3.79B	4.60B	83.7	40.8	19.8	27.6	20.0	17.3 B	8.70B	2
3	5.60B	4.33B	4.20B	3.72B	4.78B	75.8	43.6	19.1	25.0	19.1	16.7 B	8.50B	3
4	5.50B	4.22B	4.18B	3.65B	4.98B	72.0	39.7	19.9	23.2	18.4	16.4 B	8.30B	4
5	5.40B	4.19B	4.17B	3.59B	5.30B	62.5	34.1	21.3	21.9	17.3	16.3 B	8.10B	5
6	5.38B	4.22B	4.12B	3.52B	5.80B	55.3	32.3	23.0	22.2	17.0	15.9 B	8.00B	6
7	5.42B	4.27B	4.18B	3.55B	6.20B	54.0	33.8	21.8	26.3	16.9	15.2 B	7.80B	7
8	5.42B	4.20B	4.27B	3.49B	6.70B	47.7	32.8	19.8	28.1	16.6	14.8 B	7.60B	8
9	5.30B	4.15B	4.30B	3.44B	7.30B	43.5	30.3	18.8	32.4	16.2	14.3 B	7.50B	9
10	5.24B	4.15B	4.28B	3.38B	7.80B	42.6	29.3	18.2	39.6	15.8	14.2 B	7.30B	10
11	5.18B	4.12B	4.16B	3.32B	8.45B	46.9	33.3	17.6	39.5	15.4	14.1 B	7.20B	11
12	5.17B	4.10B	4.06B	3.38B	9.80B	50.6	42.5	16.7	37.9	15.0	14.0 B	7.20B	12
13	5.21B	4.15B	4.14B	3.50B	12.5 B	56.3	41.4	16.0	32.9	16.2	13.5 B	7.20B	13
14	5.30B	4.25B	4.19B	3.58B	14.0 B	60.7	36.8	15.4	29.9	21.4	13.2 B	7.20B	14
15	5.35B	4.36B	4.22B	3.51B	16.8 B	63.9	36.0	15.0	30.2	25.5	12.7 B	7.30B	15
16	5.28B	4.45B	4.25B	3.50B	20.0 B	64.2	35.5	14.6	33.0	27.8	12.4 B	7.50B	16
17	5.22B	4.48B	4.18B	3.54B	23.6	59.8	36.8	14.0	32.9	24.9	12.3 B	7.60B	17
18	5.18B	4.48B	4.07B	3.59B	28.4	57.7	40.5	13.6	31.8	24.6	11.8 B	7.60B	18
19	5.09B	4.39B	4.00B	3.60B	34.6	56.3	40.0	13.4	31.8	24.8	11.2 B	7.60B	19
20	5.06B	4.34B	3.98B	3.61B	43.5	55.1	34.6	13.2	29.8	22.4	10.9 B	7.60B	20
21	5.18B	4.39B	3.90B	3.62B	49.2	61.6	30.7	13.1	27.9	21.1	10.6 B	7.50B	21
22	5.20B	4.40B	3.90B	3.66B	60.7	60.6	29.2	13.1	26.5	20.6	10.4 B	7.20B	22
23	5.20B	4.30B	3.98B	3.70B	72.2	59.4	28.2	13.1	25.2	20.5	10.3 B	7.20B	23
24	5.00B	4.25B	4.06B	3.70B	67.4	58.9	27.3	12.8	23.9	21.6	10.2 B	7.40B	24
25	4.90B	4.13B	4.17B	3.75B	71.5	53.4	26.7	12.4	23.0	23.7	10.2 B	7.30B	25
26	4.75B	4.08B	4.20B	3.80B	90.4	48.7	27.9	12.5	22.1	22.4	10.2 B	7.00B	26
27	4.55B	4.06B	4.03B	3.87B	147	46.4	26.8	12.9	21.3	19.7	10.3 B	6.60B	27
28	4.53B	4.10B	4.00B	4.00B	142	43.5	25.0	50.4	20.9	19.4	10.0 B	6.20B	28
29	4.40B		4.02B	4.16B	115	39.9	24.1	72.7	20.5	18.2	9.40B	5.80B	29
30	4.35B		4.02B	4.30B	108	39.2	22.9	42.4	20.2	18.6	9.00B	5.60B	30
31	4.38B		3.85B		110		22.2	33.5		18.7		5.50B	31
TOTAL	158.87	119.36	127.59	109.62	1 302.99	1 722.2	1 022.7	641.1	838.0	620.8	386.00	227.90	TOTAL
MEAN	5.12	4.26	4.12	3.65	42.0	57.4	33.0	20.7	27.9	20.0	12.9	7.35	MEAN
MAX	5.60	4.48	4.30	4.30	147	102	43.6	72.7	39.6	27.8	18.2	8.80	MAX
MIN	4.35	4.06	3.85	3.32	4.48	39.2	22.2	12.4	20.2	15.0	9.00	5.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 147 ON MAY 27
MINIMUM DAILY, 3.32B ON APR 11
MAXIMUM INSTANTANEOUS,
164 AT 16:30 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 45 30 N
LONG 129 07 40 W
DRAINAGE AREA, 1 700 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 700	JUL	88 400
FEB	10 300	AUG	55 400
MAR	11 000	SEP	72 400
APR	9 470	OCT	53 600
MAY	113 000	NOV	33 400
JUN	149 000	DEC	19 700

TOTAL DISCHARGE, 629 000 dam³

BLUEBERRY RIVER BELOW AITKEN CREEK - STATION NO. 07FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.256B	0.137B	0.099B	0.079B	77.0	10.8	4.32	1.39	0.577	0.195	0.358B	0.240B	1
2	0.254B	0.135B	0.096B	0.080B	76.6	11.3	3.52	1.34	0.588	0.213	0.345B	0.245B	2
3	0.254B	0.128B	0.091B	0.081B	68.5	9.46	2.77	1.28	0.634	0.242	0.340B	0.219B	3
4	0.255B	0.122B	0.087B	0.082B	58.2	7.58	2.21	1.22	0.616	0.244	0.372B	0.198B	4
5	0.251B	0.115B	0.086B	0.081B	51.8	6.22	1.85	1.14	0.532	0.295	0.400B	0.170B	5
6	0.245B	0.110B	0.087B	0.080B	47.4	5.35	1.51	1.04	0.434	0.331	0.378B	0.150B	6
7	0.226B	0.106B	0.089B	0.080B	43.6	4.52	1.23	1.01	0.363	0.422	0.350B	0.129B	7
8	0.212B	0.104B	0.090B	0.081B	40.8	3.82	1.05	0.983	0.304	0.534	0.335B	0.122B	8
9	0.205B	0.101B	0.090B	0.080B	47.4	3.47	1.08	0.938	0.238	0.605	0.342B	0.122B	9
10	0.204B	0.101B	0.088B	0.079B	53.4	3.50	1.13	0.939	0.190	0.512	0.353B	0.117B	10
11	0.206B	0.102B	0.087B	0.078B	44.6	3.67	1.22	0.911	0.152	0.332	0.335B	0.112B	11
12	0.210B	0.105B	0.088B	0.078B	36.7	3.53	1.24	0.812	0.128	0.290	0.312B	0.108B	12
13	0.210B	0.108B	0.090B	0.078B	30.8	3.22	1.24	0.737	0.116	0.314	0.292B	0.104B	13
14	0.209B	0.113B	0.093B	0.079B	26.5	2.72	1.29	0.702	0.102	0.303	0.278B	0.100B	14
15	0.203B	0.115B	0.092B	0.085B	23.9	2.52	1.30	0.663	0.111	0.294	0.260B	0.105B	15
16	0.197B	0.115B	0.091B	0.175B	21.4	2.99	1.38	0.603	0.099	0.265	0.252B	0.110B	16
17	0.191B	0.114B	0.085B	0.368B	19.2	6.75	1.45	0.564	0.098	0.298	0.247B	0.116B	17
18	0.190B	0.113B	0.081B	1.15 B	18.0	7.48	1.42	0.525	0.077	0.257	0.250B	0.119B	18
19	0.190B	0.113B	0.077B	2.50 B	17.3	7.55	1.36	0.504	0.068	0.304	0.262B	0.123B	19
20	0.193B	0.109B	0.075B	5.50 B	16.7	6.96	1.32	0.464	0.076	0.387	0.265B	0.132B	20
21	0.195B	0.107B	0.074B	12.5 B	15.7	6.44	1.35	0.422	0.067	0.450	0.258B	0.126B	21
22	0.196B	0.106B	0.075B	34.5 B	14.0	7.51	1.41	0.380	0.064	0.428	0.244B	0.116B	22
23	0.193B	0.103B	0.077B	33.5 B	12.7	10.7	1.51	0.363	0.064	0.418	0.240B	0.110B	23
24	0.186B	0.097B	0.080B	43.0 B	11.4	10.8	1.60	0.333	0.046	0.408	0.245B	0.114B	24
25	0.174B	0.096B	0.081B	59.0 B	10.5	10.1	1.70	0.315	0.046	0.434	0.253B	0.116B	25
26	0.158B	0.096B	0.081B	49.5 B	10.5	10.1	1.80	0.309	0.061	0.435	0.239B	0.096B	26
27	0.145B	0.097B	0.082B	49.5	11.8	9.54	1.76	0.264	0.063	0.402	0.239B	0.080B	27
28	0.142B	0.100B	0.084B	59.9	12.4	8.10	1.61	0.266	0.085	0.383	0.244B	0.067B	28
29	0.141B		0.083B	74.9	10.7	6.59	1.52	0.302	0.108	0.365B	0.264B	0.056B	29
30	0.140B		0.082B	67.2	9.35	5.34	1.49	0.374	0.147	0.348B	0.245B	0.045B	30
31	0.139B		0.080B		8.96		1.48	0.472		0.362B		0.039B	31
TOTAL	6.170	3.068	2.641	494.394	947.81	198.63	51.12	21.565	6.254	11.070	8.797	3.806	TOTAL
MEAN	0.199	0.110	0.085	16.5	30.6	6.62	1.65	0.696	0.208	0.357	0.293	0.123	MEAN
MAX	0.256	0.137	0.099	74.9	77.0	11.3	4.32	1.39	0.634	0.605	0.400	0.245	MAX
MIN	0.139	0.096	0.074	0.078	8.96	2.52	1.05	0.264	0.046	0.195	0.239	0.039	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.81
MAXIMUM DAILY, 77.0 ON MAY 1
MINIMUM DAILY, 0.039B ON DEC 31
MAXIMUM INSTANTANEOUS,
82.9 AT 01:10 PST ON MAY 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 40 38 N
LONG 121 13 15 W
DRAINAGE AREA, 1 750 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	533	JUL	4 420
FEB	265	AUG	1 860
MAR	228	SEP	540
APR	42 700	OCT	956
MAY	81 900	NOV	760
JUN	17 200	DEC	329

TOTAL DISCHARGE, 152 000 dam³

BOLEAN CREEK NEAR THE MOUTH - STATION NO. 08LE094

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.481	0.603E	0.493E	0.566	5.97	4.25	2.40	0.861E	0.351E	0.416E	1.03 E	0.379E	1
2	0.504E	0.566	0.459	0.524	5.27	3.43	1.84	0.906E	0.416E	0.481	1.19	0.459	2
3	0.524E	0.513E	0.493E	0.481	4.79	2.89	1.50	0.949	0.481	0.501E	0.994E	0.566E	3
4	0.544E	0.459	0.524	0.481	3.96	2.40	1.34	0.872E	0.470E	0.436	0.793	0.538E	4
5	0.566	0.470B	0.493E	0.544	3.45	2.32	1.17	0.793	0.459	0.416	0.680E	0.510E	5
6	0.544E	0.481B	0.459	0.524	2.80	2.24	1.05	0.733E	0.405E	1.04 E	0.566	0.487E	6
7	0.524	0.445B	0.445E	0.524	2.20	2.24	1.81	0.671E	0.351	1.67	0.575E	0.459	7
8	0.501E	0.405B	0.430E	0.501	2.40	2.16	2.16	0.612	0.317E	1.30 E	0.580E	0.425E	8
9	0.481E	0.382B	0.416	0.481	3.00	2.20	1.77	0.481E	0.283	0.923	0.589	0.394	9
10	0.459	0.368B	0.405E	0.459	3.14	2.32	1.57	0.351	0.266E	0.818E	0.566E	0.447E	10
11	0.459E	0.377B	0.394	0.459	3.00	2.36	1.70	0.351E	0.246	0.716E	0.544	0.501	11
12	0.459	0.425B	0.394E	0.436	3.14	2.80	1.37	0.351	0.235E	0.612	0.521E	0.487E	12
13	0.447E	0.566	0.394	0.416	3.31	3.71	1.25	0.306E	0.224E	0.589E	0.501	0.473E	13
14	0.436	0.566E	0.467E	0.374	3.62	3.23	1.44	0.258E	0.212	0.566	0.487E	0.459	14
15	0.445E	0.566E	0.538E	0.351	4.67	2.40	1.05	0.212	0.195E	0.566E	0.473E	0.447E	15
16	0.450E	0.566	0.612	0.566	4.79	3.71	1.67	0.167E	0.178	0.566	0.459	0.439B	16
17	0.459	0.566E	0.535E	0.680	4.25	4.79	1.37	0.122	0.176E	0.552E	0.459E	0.428B	17
18	0.459	0.566	0.459	0.793	4.53	5.64	1.19	0.102E	0.170	0.538E	0.459	0.419B	18
19	0.459	0.589E	0.459E	0.923	4.79	4.79	1.14	0.085	0.218E	0.524	0.470E	0.408B	19
20	0.459E	0.612	0.459	1.50	4.67	4.25	1.05	0.173E	0.269E	0.459E	0.481	0.399B	20
21	0.459	0.597E	0.459E	1.34	5.01	3.23	1.00	0.263E	0.317	0.394	0.481E	0.388B	21
22	0.898E	0.580E	0.459E	1.34	4.36	2.80	0.923	0.351	0.300E	0.402E	0.481E	0.377B	22
23	1.34	0.566	0.459	1.77	4.02	2.80	2.60	0.300E	0.283	0.408E	0.481	0.368B	23
24	1.16 E	0.524E	0.459E	3.71	3.96	2.40	2.83	0.246	0.275E	0.416	0.391E	0.357B	24
25	0.974E	0.481	0.459	2.13	5.44	2.16	3.00	0.224E	0.266	0.405E	0.300	0.348B	25
26	0.793	0.470E	0.481E	1.84	5.27	1.94	2.40	0.201E	0.255E	0.394	0.292E	0.337B	26
27	0.770E	0.459	0.501	1.34	4.25	1.81	1.87	0.178	0.241E	0.425E	0.283	0.328B	27
28	0.748	0.524	0.530E	2.80	3.45	1.70	1.60	0.170E	0.229	0.459	0.289E	0.317B	28
29	0.714E		0.561E	3.00	3.43	1.64	1.34	0.159	0.249E	0.580E	0.294E	0.300B	29
30	0.680		0.589	3.71	4.36	1.84	1.17	0.224E	0.266	0.702	0.300	0.283B	30
31	0.643E		0.578E		5.27		0.818	0.289E		0.867E		0.266B	31
TOTAL	18.839	14.292	14.863	34.563	126.57	86.45	49.391	11.961	8.603	19.141	16.009	12.793	TOTAL
MEAN	0.608	0.510	0.479	1.15	4.08	2.88	1.59	0.386	0.287	0.617	0.534	0.413	MEAN
MAX	1.34	0.612	0.612	3.71	5.97	5.64	3.00	0.949	0.481	1.67	1.19	0.566	MAX
MIN	0.436	0.368	0.394	0.351	2.20	1.64	0.818	0.085	0.170	0.394	0.283	0.266	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 5.97 ON MAY 1
MINIMUM DAILY, 0.085 ON AUG 19

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 30 33 N
LONG 119 34 10 W
DRAINAGE AREA, 224 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 630	JUL	4 270
FEB	1 230	AUG	1 030
MAR	1 280	SEP	743
APR	2 990	OCT	1 650
MAY	10 900	NOV	1 380
JUN	7 470	DEC	1 110

TOTAL DISCHARGE, 35 700 dam³

BONAPARTE RIVER BELOW CACHE CREEK - STATION NO. 08LF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.23	2.87	3.04	3.68	6.47	18.4	13.5	11.8	3.04	2.56	2.57	2.12	1
2	3.12	3.04	3.32	3.70	7.07	17.2	12.9 A	11.6	3.11	2.52	2.51	2.15	2
3	3.12	2.93	3.48	3.73	6.89	16.9	12.5 E	10.3	3.10	2.62	2.38	1.84	3
4	3.15	2.77	3.39	3.65	6.74	15.3	12.3 E	8.82	3.11	2.59	2.36	1.84	4
5	3.14	2.60B	3.08	3.63	7.43	15.0	12.0 E	8.66	3.28	2.56	2.31	2.11	5
6	3.35	2.35B	2.89	3.70	7.57	14.8	9.80E	9.26	3.35	2.59	2.28	2.12	6
7	3.19	2.65B	3.14	3.73	7.73	13.9	8.75E	8.24	3.36	2.61	2.32	2.08	7
8	3.08	2.70B	3.19	3.69	7.58	13.2	8.40E	7.13	3.26	2.59	2.29	1.88	8
9	3.23	2.55B	3.21	3.69	7.39	13.4	8.95E	6.77	3.04	2.59	2.27	2.00	9
10	3.08	1.80B	3.25	3.64	7.21	13.3	9.00E	6.79	3.05	2.62	2.24	2.27	10
11	3.09	2.30B	3.26	3.67	7.60	13.4	9.05E	6.70	2.97	2.60	2.27	1.95	11
12	3.09	2.62B	3.30	3.57	8.42	12.8	10.2 E	5.85	2.93	2.65	2.25	1.20 A	12
13	2.94	3.12	3.35	3.50	8.35	12.9	9.70E	6.24	2.80	2.61	2.26	1.23 B	13
14	2.89	3.47	3.49	3.58	8.37	15.4	10.0 E	6.75	2.72	2.62	2.32	1.28 B	14
15	2.87	3.67	3.58	3.51	8.39	15.4	10.3 E	6.35	2.59	2.63	2.31	1.30 B	15
16	2.83	3.82	3.59	3.45	10.4	14.2	10.4 E	6.25	2.62	2.63	2.35	1.25 B	16
17	2.82	4.12	3.62	3.47	11.5	13.4	11.0 E	5.19	2.54	2.52	2.30	1.30 B	17
18	3.32	3.85	3.60	3.45	11.4	13.6	10.6 E	4.26	2.44	2.48	2.29	1.45 B	18
19	3.18	3.65	3.62	3.44	12.0	14.2	10.2 E	3.90	2.31	2.44	2.27	1.59 B	19
20	3.00	3.70	3.62	3.46	14.4	13.9	10.2 E	3.78	2.29	2.39	2.30	1.36 B	20
21	4.12	3.57	3.69	3.80E	16.8	14.0	10.2 A	3.69	2.33	2.41	2.36	1.25 B	21
22	3.91	3.49	3.74	4.29E	27.0	13.8	9.28	3.57	2.39	2.42	2.33	1.10 B	22
23	3.71	3.57	3.71	5.06E	23.1	14.4	10.1	3.55	2.45	2.44	2.35	1.23 B	23
24	3.21	3.42	3.71	6.03E	23.0	14.4	10.1	3.50	2.43	2.42	2.23	1.30 B	24
25	3.07	3.24	3.67	6.20	23.6	14.6	10.2	3.31	2.50	2.45	1.94	1.30 B	25
26	3.01	3.19	3.70	6.33	24.8	14.9	10.0	3.20	2.53	2.43	1.65B	1.35 B	26
27	3.07	3.19	3.76	6.25	20.6	15.6	11.9	3.12	2.60	2.50	1.54B	1.25 B	27
28	3.06	3.17	3.61	6.53	18.0	14.5	11.7	2.99	2.66	2.48	1.81	1.15 B	28
29	3.18		3.61	6.41	17.2	14.2	11.1	3.01	2.73	2.49	2.03	1.06 B	29
30	3.21		3.64	6.50	17.2	13.6	10.9	3.03	2.75	2.60	2.00	1.05 B	30
31	2.79		3.64		18.2		11.2	2.91		2.59		0.920B	31
TOTAL	98.06	87.42	107.50	129.34	402.41	434.6	326.43	180.52	83.28	78.65	66.69	47.280	TOTAL
MEAN	3.16	3.12	3.47	4.31	13.0	14.5	10.5	5.82	2.78	2.54	2.22	1.53	MEAN
MAX	4.12	4.12	3.76	6.53	27.0	18.4	13.5	11.8	3.36	2.65	2.57	2.27	MAX
MIN	2.79	1.80	2.89	3.44	6.47	12.8	8.40	2.91	2.29	2.39	1.54	0.920	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.60
MAXIMUM DAILY, 27.0 ON MAY 22
MINIMUM DAILY, 0.920B ON DEC 31
MAXIMUM INSTANTANEOUS,
29.3 AT 11:41 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 20 N
LONG 121 19 29 W
DRAINAGE AREA, 5 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 470	JUL	28 200
FEB	7 550	AUG	15 600
MAR	9 290	SEP	7 200
APR	11 200	OCT	6 800
MAY	34 800	NOV	5 760
JUN	37 500	DEC	4 080

TOTAL DISCHARGE, 176 000 dam³

BONAPARTE RIVER NEAR BRIDGE LAKE - STATION NO. 08LF062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.27B	1.59B	1.13B	1.69	3.84	6.58	7.06	5.17	2.19	1.27	0.889	0.736B	1
2	1.98B	1.53B	1.10B	1.69	3.75	6.34	6.90	5.31	2.35	1.33	0.889	0.736B	2
3	1.70B	1.47B	1.08B	1.66	3.71	6.42	6.42	5.03	2.35	1.36	0.867	0.736B	3
4	1.53B	1.42B	1.05B	1.63	3.54	6.18	6.11	4.88	2.52	1.30	0.753	0.736B	4
5	1.47B	1.42B	1.02B	1.63	3.45	6.11	5.95	4.74	2.52	1.21	0.753	0.736B	5
6	1.42B	1.42B	1.02B	1.63	3.45	6.03	5.66	4.60	2.48	1.16	0.753	0.708B	6
7	1.42B	1.42B	1.02B	1.63	3.54	5.88	5.88	4.30	2.39	1.16	0.736	0.708B	7
8	1.42B	1.36B	1.02B	1.59	3.62	5.80	6.11	4.19	2.19	1.21	0.736	0.708B	8
9	1.42B	1.30B	1.05B	1.63	3.62	6.11	5.80	4.08	2.01	1.25	0.736	0.694B	9
10	1.47B	1.25B	1.08B	1.69	3.71	6.34	5.59	3.96	1.93	1.30	0.719	0.736B	10
11	1.53B	1.19B	1.10B	1.69	3.79	6.90	5.52	3.92	1.86	1.21	0.719	0.736B	11
12	1.56B	1.13B	1.13B	1.76	3.88	7.14	5.45	3.88	1.80	1.16	0.719	0.708B	12
13	1.59B	1.13B	1.13B	1.76	3.96	7.06	5.03	3.67	1.76	1.16	0.719	0.680B	13
14	1.59B	1.13B	1.13B	1.73	3.96	7.22	5.17	3.67	1.73	1.16	0.753	0.680B	14
15	1.59B	1.19B	1.13B	1.83	4.02	7.53	5.03	3.58	1.66	1.16	0.770	0.680B	15
16	1.64B	1.25B	1.13B	1.83	4.08	7.22	5.31	3.50	1.56	1.14	0.702	0.680B	16
17	1.70B	1.36B	1.10B	1.83	4.19	6.98	5.17	3.45	1.59	1.14	0.702	0.708B	17
18	1.70B	1.36B	1.08B	1.86	4.13	6.82	5.31	3.37	1.53	1.12	0.702	0.765B	18
19	1.64B	1.32B	1.10B	1.97	4.19	7.29	4.96	3.24	1.59	1.07	0.702	0.850B	19
20	1.64B	1.36	1.13B	2.08	4.19	7.29	5.38	3.16	1.56	1.05	0.702	0.906B	20
21	1.64B	1.30	1.23	2.27	4.30	7.61	6.42	3.11	1.59	1.00	0.702	0.878B	21
22	1.70B	1.33	1.44	2.61	4.74	7.93	6.26	3.07	1.59	0.957	0.702	0.934B	22
23	1.76B	1.30	1.50	2.78	4.74	8.09	5.66	2.90	1.63	0.957	0.702	1.13 B	23
24	1.81B	1.25	1.44	3.03	4.74	8.56	5.66	2.86	1.63	1.00	0.708B	1.19 B	24
25	1.87B	1.36	1.47	3.20	4.81	8.40	6.11	2.65	1.56	0.957	0.708B	1.13 B	25
26	1.87B	1.30	1.50	3.03	5.80	7.85	5.80	2.52	1.44	0.980	0.708B	0.991B	26
27	1.87B	1.30	1.56	2.99	5.88	7.69	5.52	2.48	1.39	1.05	0.708B	0.906B	27
28	1.81B	1.25B	1.69	2.94	5.88	7.22	5.24	2.48	1.33	1.03	0.708B	0.906B	28
29	1.76B		1.69	3.03	5.88	7.06	5.10	2.44	1.30	1.00	0.702	0.963B	29
30	1.70B		1.69	3.11	6.18	6.98	5.03	2.27	1.23	0.957	0.708B	0.906B	30
31	1.64B		1.73		6.34		5.17	2.27		0.934		0.850B	31
TOTAL	51.71	36.99	38.67	63.80	135.91	210.63	175.78	110.75	54.26	34.742	22.077	25.411	TOTAL
MEAN	1.67	1.32	1.25	2.13	4.38	7.02	5.67	3.57	1.81	1.12	0.736	0.820	MEAN
MAX	2.27	1.59	1.73	3.20	6.34	8.56	7.06	5.31	2.52	1.36	0.889	1.19	MAX
MIN	1.42	1.13	1.02	1.59	3.45	5.80	4.96	2.27	1.23	0.934	0.702	0.680	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.63
MAXIMUM DAILY, 8.56 ON JUN 24
MINIMUM DAILY, 0.680B ON DEC 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 20 08 N
LONG 120 47 55 W
DRAINAGE AREA, 666 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 470	JUL	15 200
FEB	3 200	AUG	9 570
MAR	3 340	SEP	4 690
APR	5 510	OCT	3 000
MAY	11 700	NOV	1 910
JUN	18 200	DEC	2 200

TOTAL DISCHARGE, 83 000 dam³

BONE CREEK NEAR BLUE RIVER - STATION NO. 08LB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.50B	2.67B	2.01B	2.41	11.5	31.6	23.8	28.9	23.2	10.5	20.7	2.57B	1
2	4.60B	2.60B	2.00B	2.33	9.63	33.5	26.1	27.7	16.9	9.20	13.6	2.45B	2
3	4.10B	2.51B	1.96B	2.23	8.23	35.0	34.6	27.8	13.7	6.93A	10.4	2.39B	3
4	3.95B	2.45B	1.93B	2.11	7.96	34.5	41.0	27.2	14.5	6.05E	8.48	2.32B	4
5	3.80B	2.38B	1.92B	2.15	7.88	31.3	38.9	27.8	13.9	5.65E	7.56	2.25B	5
6	3.65B	2.31B	1.91B	2.06	7.56	31.6	32.5	29.5	14.1	5.70E	7.01	2.18B	6
7	3.55B	2.26B	1.91B	1.98	7.22	26.6	28.5	33.4	17.0	8.21	6.54	2.14B	7
8	3.45B	2.22B	1.92B	1.96	7.62	24.0	22.5	35.4	20.7	7.26A	6.12	2.10B	8
9	3.35B	2.18B	1.93B	1.97	9.05	21.7	20.6	34.1	21.6	6.42E	5.69	2.03B	9
10	3.25B	2.14B	1.96E	1.92	9.24	21.2	20.2	35.7	16.3	5.45E	5.43	1.99B	10
11	3.20B	2.10B	1.99E	1.85	9.32	21.2	23.7	38.4	14.6	4.95E	5.61	1.95B	11
12	3.15B	2.09B	2.01E	1.77	10.1	19.5	24.1	40.5	13.0	4.79E	7.77	1.90B	12
13	3.11B	2.08B	2.06E	1.85	11.3	19.3	25.8	33.6	11.3	4.62E	6.22	1.86B	13
14	3.05B	2.08B	2.13E	2.12	12.4	20.2	27.7	32.9	11.5	4.48E	5.75	1.83B	14
15	3.00B	2.09B	2.19E	2.05	13.5	20.9	30.2	34.9	14.4	4.85E	5.86	1.78B	15
16	2.99B	2.10B	2.23E	2.17	14.2	22.5	32.1	31.4	18.4	5.40E	5.61	1.75B	16
17	2.98B	2.12B	2.26E	2.17	15.9	19.4	35.5	30.5	20.6	6.70E	5.15B	1.73B	17
18	2.98B	2.17B	2.27E	2.33	17.0	17.2	41.7	28.6	21.0	5.20E	4.60B	1.79B	18
19	2.94B	2.20B	2.22E	2.82	19.7	17.3	39.7	29.3	19.8	5.15E	4.25B	2.02B	19
20	2.91B	2.22B	2.20E	3.43	23.6	19.1	40.3	32.0	11.9	3.74A	4.00B	2.32B	20
21	2.90B	2.25B	2.20E	3.62	26.6	17.7	39.2	26.2	10.2	4.00	3.82B	2.27B	21
22	2.90B	2.24B	2.20E	3.78	39.6	16.6	38.1	24.4	8.93	4.15	3.64B	2.22B	22
23	2.92B	2.22B	2.20E	6.39	38.1	16.3	36.2	26.6	8.33	4.13	3.50B	2.20B	23
24	2.97B	2.21B	2.23E	9.85	38.5	16.4	40.0	29.0	7.20A	4.06	3.35B	2.15B	24
25	3.00B	2.19B	2.30E	6.80	40.3	17.8	35.2	34.1	6.50E	4.18	3.18B	2.13B	25
26	3.01B	2.15B	2.38E	5.46	41.6	22.2	33.7	29.3	6.15E	4.29	3.04B	2.08B	26
27	3.00B	2.10B	2.47E	4.96	31.9	20.8	37.5	24.7	6.10E	5.29	2.92B	2.03B	27
28	2.98B	2.06B	2.50E	5.19	26.0	18.9	42.8	20.4	6.93A	7.03	2.80B	2.00B	28
29	2.92B		2.50E	5.29	26.2	19.8	33.3	20.6	6.13A	5.96	2.72B	1.96B	29
30	2.84B		2.45E	6.73	32.7	22.7	31.1	17.8	6.67A	5.15	2.65B	1.93B	30
31	2.74B		2.46A		35.0		30.6	15.9		7.68		1.90B	31
TOTAL	101.69	62.39	66.90	101.75	609.41	676.8	1 007.2	908.6	401.54	177.17	177.97	64.22	TOTAL
MEAN	3.28	2.23	2.16	3.39	19.7	22.6	32.5	29.3	13.4	5.72	5.93	2.07	MEAN
MAX	5.50	2.67	2.50	9.85	41.6	35.0	42.8	40.5	23.2	10.5	20.7	2.57	MAX
MIN	2.74	2.06	1.91	1.77	7.22	16.3	20.2	15.9	6.10	3.74	2.65	1.73	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.9
MAXIMUM DAILY, 42.8 ON JUL 28
MINIMUM DAILY, 1.73B ON DEC 17
MAXIMUM INSTANTANEOUS,
50.4 AT 21:00 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 18 N
LONG 119 10 43 W
DRAINAGE AREA, 267 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 790	JUL	87 000
FEB	5 390	AUG	78 500
MAR	5 780	SEP	34 700
APR	8 790	OCT	15 300
MAY	52 700	NOV	15 400
JUN	58 500	DEC	5 550

TOTAL DISCHARGE, 376 000 dam³

BOUGIE CREEK AT KILOMETRE 368 ALASKA HIGHWAY - STATION NO. 10CD00N

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	2.41 E	4.42 E	0.248	0.710B	0.154B	1
2	---	---	---	---	---	---	---	2.41 E	4.00 E	0.227	0.625B	0.141B	2
3	---	---	---	---	---	---	---	1.70 E	3.49 E	0.214	0.670B	0.140B	3
4	---	---	---	---	---	---	---	1.22	3.01 E	0.224	0.560B	0.119B	4
5	---	---	---	---	---	---	---	0.958	2.45 E	0.243	0.731B	0.135B	5
6	---	---	---	---	---	---	0.700A	0.763	1.99 E	0.224	0.736B	0.133B	6
7	---	---	---	---	---	---	0.655	0.580	1.68 E	0.252	0.600B	0.103B	7
8	---	---	---	---	---	---	0.660	0.462	1.34	0.299	0.500B	0.109B	8
9	---	---	---	---	---	---	0.613	0.391	1.09	0.300	0.540B	0.109B	9
10	---	---	---	---	---	---	0.522	0.354	0.892	0.324	0.538B	0.109B	10
11	---	---	---	---	---	---	0.473	0.320	0.750	0.330	0.555B	0.090B	11
12	---	---	---	---	---	---	0.504	0.261	0.629	0.332	0.570B	0.074B	12
13	---	---	---	---	---	---	0.992	0.222	0.548	0.414	0.400B	0.062B	13
14	---	---	---	---	---	---	1.72 E	0.202	0.488	0.764	0.340B	0.061B	14
15	---	---	---	---	---	---	2.53 E	0.184	0.442	1.64 E	0.335B	0.067B	15
16	---	---	---	---	---	---	1.82 E	0.158	0.409	2.45 E	0.250B	0.066B	16
17	---	---	---	---	---	---	1.34 E	0.141	0.398	2.35 E	0.269B	0.073B	17
18	---	---	---	---	---	---	1.05	0.135	0.353	2.17 E	0.261B	0.083B	18
19	---	---	---	---	---	---	0.837	0.139	0.329	2.41 E	0.278B	0.096B	19
20	---	---	---	---	---	---	1.11 E	0.134	0.315	1.75 B	0.298B	0.105B	20
21	---	---	---	---	---	---	2.67 E	0.125	0.305	1.30 B	0.230B	0.099B	21
22	---	---	---	---	---	---	3.23 E	0.116	0.300	1.34 B	0.170B	0.088B	22
23	---	---	---	---	---	---	2.75 E	0.111	0.295	1.20 B	0.138B	0.080B	23
24	---	---	---	---	---	---	2.23 E	0.109	0.280	1.25 B	0.137B	0.077B	24
25	---	---	---	---	---	---	1.66 E	0.105	0.264	1.01 B	0.147B	0.081B	25
26	---	---	---	---	---	---	1.31	0.188	0.258	0.800B	0.151B	0.066B	26
27	---	---	---	---	---	---	1.02	0.428	0.251	0.835B	0.153B	0.052B	27
28	---	---	---	---	---	---	1.05	4.61 E	0.250	0.800B	0.167B	0.040B	28
29	---		---	---	---	---	1.28	6.66 E	0.246	0.710B	0.164B	0.030B	29
30	---		---	---	---	---	1.18	5.66 E	0.246	0.755B	0.146B	0.024B	30
31	---		---		---		1.19	4.96 E		0.800B		0.019B	31
TOTAL	---	---	---	---	---	---	---	36.216	31.718	27.965	11.369	2.685	TOTAL
MEAN	---	---	---	---	---	---	---	1.17	1.06	0.902	0.379	0.087	MEAN
MAX	---	---	---	---	---	---	---	6.66	4.42	2.45	0.736	0.154	MAX
MIN	---	---	---	---	---	---	---	0.105	0.246	0.214	0.137	0.019	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 01 49 N
LONG 122 43 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	3 130
MAR	---	SEP	2 740
APR	---	OCT	2 420
MAY	---	NOV	982
JUN	---	DEC	232

BOUNDARY CREEK NEAR PORTHILL - STATION NO. 08NH032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.26	2.12E	2.69E	3.85	42.8	16.4E	10.2 E	3.85	1.78	1.27	3.37	2.38	1
2	5.64	2.01E	2.55E	3.71	32.0	15.3E	8.86	3.54	2.27	3.68	3.34	2.38	2
3	5.01	1.90E	2.55E	3.57	23.0	13.9E	8.21	3.34	1.61	2.29	3.09	2.10	3
4	5.10	1.81E	2.61E	3.31	18.9	13.3E	7.62	3.28	1.47	1.78	2.92	2.24	4
5	4.90	1.70E	2.63E	3.43	15.5	12.2E	7.16	3.09	1.44	1.59	2.66	2.29	5
6	4.62	1.59E	2.49E	3.34	14.7	12.7E	9.74	2.89	1.33	2.38	2.46	2.55	6
7	4.42	1.48E	2.44E	3.17	14.4	12.5E	18.3	2.75	1.25	3.96	2.38	2.38	7
8	4.16	1.30E	2.35E	3.14	14.4	11.6E	13.2	2.61	1.16	4.05	2.29	2.27	8
9	3.96	1.22E	2.29E	3.23	15.3	12.2E	10.2	2.46	1.13	3.51	2.27	2.24	9
10	3.79	1.13E	2.27E	3.09	19.5	12.7E	9.00	2.35	1.05	3.09	2.21	3.99	10
11	3.17E	1.84E	2.32E	3.03	21.8	12.7E	8.21	2.24	1.02	2.66	2.12	3.68	11
12	3.06E	2.32E	2.46E	3.00	19.5	11.9E	7.36	2.15	0.991	2.38	3.37	2.46	12
13	2.83E	2.55E	2.61E	2.86	18.4	16.4E	8.07	2.07	0.963	2.24	4.36	2.10B	13
14	2.72E	2.72E	2.75E	2.80	20.2	31.7E	8.18	2.04	0.906	2.12	3.88	2.15B	14
15	2.63E	2.89E	2.97E	3.06	37.1	21.2E	7.67	2.15	0.878	2.10	3.71	2.21B	15
16	2.55E	3.11E	3.26E	3.79	31.1	17.6E	7.36	1.93	0.878	2.18	3.45	2.18B	16
17	2.46E	3.40E	3.54E	4.13	27.3	19.8E	6.51	1.84	0.850	2.24	3.51	2.15B	17
18	2.38E	3.82E	3.40E	4.76	27.8	20.7E	6.06	1.78	0.821	2.10	3.26	2.21B	18
19	2.32E	4.25E	3.28E	5.78	31.1	21.8E	5.92	1.70	0.878	2.07	3.11	2.32B	19
20	2.32E	5.04E	3.17E	7.08	33.4	23.8E	7.56	1.67	1.25	2.01	3.03	2.44	20
21	2.32E	4.25E	3.11E	8.13	37.7	25.2E	6.80	1.67	1.13	1.84	3.09	2.18	21
22	2.32E	3.68E	3.06E	8.95	37.9	23.5E	6.12	1.59	1.36	1.76	3.26	2.07B	22
23	2.38E	3.26E	3.06E	13.5	34.5	25.5E	5.97	1.53	1.22	1.76	3.06	2.04B	23
24	2.46E	3.40E	3.11E	21.9	35.4	23.8E	5.78	1.44	1.05	1.70	2.89	2.04B	24
25	2.55E	3.54E	3.17E	17.0	36.8	19.5E	6.20	1.36	0.991	1.70	2.21	1.98B	25
26	2.61E	3.26E	3.23E	14.5	40.8	17.0E	5.32	1.33	0.934	1.73	2.04B	1.93B	26
27	2.58E	3.11E	3.34E	14.3	31.7	14.7E	4.93	1.27	0.934	2.18	1.93B	1.87B	27
28	2.55E	2.89E	3.51E	18.1	26.1E	13.3E	4.67	1.25	2.04	3.31	1.81B	1.84B	28
29	2.46E		3.62E	23.1	22.1E	12.2E	4.33	1.22	2.07	4.16	2.10B	1.78B	29
30	2.38E		3.74E	28.0	19.8E	11.0E	4.45	1.36	1.50	3.23	2.27B	1.67B	30
31	2.24E		3.91E		18.1E		4.11	1.36		2.94		1.53B	31
TOTAL	101.15	75.55	91.49	241.61	819.1	516.1	234.07	65.11	37.154	76.01	85.45	69.65	TOTAL
MEAN	3.26	2.70	2.95	8.05	26.4	17.2	7.55	2.10	1.24	2.45	2.85	2.25	MEAN
MAX	6.26	5.04	3.91	28.0	42.8	31.7	18.3	3.85	2.27	4.16	4.36	3.99	MAX
MIN	2.24	1.13	2.27	2.80	14.4	11.0	4.11	1.22	0.821	1.27	1.81	1.53	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.61
MAXIMUM DAILY, 42.8 ON MAY 1
MINIMUM DAILY, 0.821 ON SEP 18

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 50 N
LONG 116 34 05 W
DRAINAGE AREA, 251 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 740	JUL	20 200
FEB	6 530	AUG	5 630
MAR	7 900	SEP	3 210
APR	20 900	OCT	6 570
MAY	70 800	NOV	7 380
JUN	44 600	DEC	6 020

TOTAL DISCHARGE, 208 000 dam³

BOWER CREEK NEAR THE MOUTH - STATION NO. 08NA067

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.028	0.012E	0.017E	0.065E	0.029E	0.023E	0.018E	0.029	0.008	0.007E	0.009E	0.007	1
2	0.026E	0.011	0.018	0.062	0.026	0.023	0.019E	0.026E	0.008E	0.008E	0.010	0.008E	2
3	0.024E	0.011E	0.018E	0.056	0.026E	0.023E	0.018	0.023E	0.008E	0.008E	0.010E	0.008E	3
4	0.022	0.011E	0.018E	0.055E	0.027E	0.023	0.019E	0.021E	0.008E	0.009	0.010E	0.009E	4
5	0.021E	0.011E	0.018	0.053E	0.027E	0.023E	0.019E	0.018E	0.009	0.009E	0.010	0.009	5
6	0.020E	0.010E	0.018E	0.052E	0.027	0.023E	0.020E	0.015E	0.009E	0.009E	0.010E	0.010E	6
7	0.019E	0.010	0.018E	0.051E	0.028E	0.023E	0.020E	0.012E	0.008E	0.009	0.010E	0.011	7
8	0.019E	0.010E	0.018E	0.050E	0.028E	0.022	0.020E	0.009	0.008E	0.009E	0.010	0.011E	8
9	0.018E	0.009	0.018E	0.048	0.028E	0.022E	0.020E	0.009E	0.008E	0.009	0.010E	0.011E	9
10	0.017E	0.009E	0.018	0.048E	0.029E	0.021E	0.020E	0.008	0.008E	0.009E	0.010	0.011E	10
11	0.017E	0.009	0.020	0.048	0.029E	0.021	0.021E	0.008E	0.007	0.009E	0.010E	0.011E	11
12	0.016E	0.010E	0.023E	0.048E	0.030E	0.021E	0.021E	0.008E	0.007	0.009E	0.010E	0.011	12
13	0.015	0.010E	0.025E	0.048E	0.030	0.021E	0.021E	0.007E	0.006E	0.010	0.010	0.011E	13
14	0.015E	0.011	0.028	0.048E	0.029E	0.021	0.038	0.007	0.006	0.009	0.011E	0.011E	14
15	0.014E	0.013E	0.032	0.048E	0.029E	0.020E	0.037E	0.006E	0.006E	0.009E	0.012E	0.010	15
16	0.013E	0.015E	0.038	0.048E	0.029E	0.019	0.036	0.006	0.006E	0.010	0.013	0.010E	16
17	0.013	0.017E	0.039	0.048E	0.028	0.019E	0.031E	0.007E	0.006	0.010E	0.013E	0.010E	17
18	0.013E	0.018E	0.040	0.048E	0.029E	0.018	0.026E	0.007	0.006E	0.010	0.013	0.009E	18
19	0.013E	0.020E	0.039E	0.048E	0.029E	0.018E	0.021E	0.008E	0.007E	0.009	0.013E	0.009E	19
20	0.013E	0.022	0.038	0.048	0.030E	0.017E	0.016	0.008E	0.008E	0.009E	0.013	0.009E	20
21	0.013E	0.022E	0.038	0.047E	0.031E	0.016E	0.015E	0.008E	0.009	0.009	0.013E	0.008E	21
22	0.013E	0.022	0.046	0.045E	0.031	0.016E	0.015E	0.008E	0.009E	0.009E	0.013E	0.008	22
23	0.013	0.021E	0.054	0.044E	0.030E	0.015	0.014E	0.009E	0.008E	0.009	0.013E	0.008E	23
24	0.013E	0.020E	0.056	0.042E	0.028E	0.015E	0.013E	0.009E	0.008	0.009E	0.013	0.008E	24
25	0.013E	0.019E	0.050	0.040	0.027E	0.015E	0.013	0.009E	0.008E	0.009	0.013E	0.008	25
26	0.012E	0.018E	0.059	0.039E	0.025	0.015E	0.013E	0.010	0.008E	0.009E	0.013	0.007E	26
27	0.012E	0.017E	0.060	0.037E	0.023E	0.015E	0.014E	0.009E	0.009E	0.009E	0.011E	0.007E	27
28	0.012	0.017	0.064E	0.036E	0.021	0.015E	0.015E	0.009E	0.009	0.009E	0.010	0.007E	28
29	0.012E		0.067	0.034E	0.021E	0.015E	0.015	0.008E	0.008E	0.010	0.009E	0.007E	29
30	0.012E		0.064	0.032	0.022	0.014	0.024E	0.008	0.007	0.009E	0.008E	0.007	30
31	0.012		0.067		0.022E		0.033	0.008E		0.009		0.007E	31
TOTAL	0.493	0.405	1.126	1.416	0.848	0.572	0.645	0.337	0.230	0.280	0.333	0.278	TOTAL
MEAN	0.016	0.014	0.036	0.047	0.027	0.019	0.021	0.011	0.008	0.009	0.011	0.009	MEAN
MAX	0.028	0.022	0.067	0.065	0.031	0.023	0.038	0.029	0.009	0.010	0.013	0.011	MAX
MIN	0.012	0.009	0.017	0.032	0.021	0.014	0.013	0.006	0.006	0.007	0.008	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.067 ON MAR 29
MINIMUM DAILY, 0.006E ON AUG 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 11 52 N
LONG 116 51 00 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42.6	JUL	55.7
FEB	35.0	AUG	29.1
MAR	97.3	SEP	19.9
APR	122	OCT	24.2
MAY	73.3	NOV	28.8
JUN	49.4	DEC	24.0

TOTAL DISCHARGE, 601 dam³

BOWRON LAKE NEAR WELLS - STATION NO. 08KD005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.951	0.775	0.621	0.593	0.874	1.572	1.187	0.887	0.618	0.671	0.851	0.816	1
2	0.937	0.758	0.615	0.597	0.894	1.576	1.182	0.880	0.641	0.673	0.910	0.812	2
3	0.923	0.746	0.620	0.597	0.913	1.563	1.170	0.874	0.664	0.681	0.970	0.802	3
4	0.908	0.747	0.610	0.591	0.924	1.554	1.162	0.863	0.685	0.683	1.008	0.784	4
5	0.906	0.742	0.601	0.589	0.932	1.547	1.159	0.854	0.701	0.682	1.034	0.782	5
6	0.897	0.730	0.588	0.592	0.942	1.528	1.142	0.846	0.713	0.681	1.053	0.781	6
7	0.884	0.722	0.580	0.591	0.947	1.505	1.129	0.834	0.714	0.697	1.059	0.771	7
8	0.865	0.710	0.578	0.590	0.961	1.471	1.115	0.820	0.715	0.710	1.057	0.770	8
9	0.842	0.696	0.574	0.589	0.971	1.437	1.093	0.812	0.712	0.726	1.050	0.766	9
10	0.819	0.679	0.571	0.588	0.978	1.401	1.068	0.801	0.709	0.733	1.039	0.764	10
11	0.803	0.656	0.567	0.587	0.985	1.370	1.053	0.788	0.702	0.736	1.028	0.757	11
12	0.791	0.650	0.566	0.591	0.993	1.337	1.029	0.774	0.703	0.738	1.021	0.749	12
13	0.779	0.651	0.562	0.583	1.001	1.299	1.007	0.759	0.695	0.739	1.013	0.742	13
14	0.763	0.646	0.565	0.578	1.013	1.270	0.989	0.749	0.690	0.735	1.012	0.740	14
15	0.751	0.651	0.565	0.577	1.034	1.254	0.978	0.740	0.686	0.738	1.012	0.735	15
16	0.737	0.663	0.566	0.575	1.059	1.246	0.974	0.721	0.684	0.739	1.006	0.728	16
17	0.720	0.665	0.565	0.574	1.087	1.248	0.965	0.709	0.678	0.734	0.992	---	17
18	0.712	0.666	0.564	0.578	1.122	1.244	0.961	0.697	0.673	0.739	0.979	---	18
19	0.711	0.669	0.568	0.587	1.159	1.235	0.947	0.690	0.674	0.739	0.970	---	19
20	0.705	0.679	0.562	0.599	1.199	1.235	0.947	0.685	0.676	0.737	0.958	---	20
21	0.706	0.678	0.557	0.614	1.251	1.239	0.939	0.675	0.678	0.734	0.946	---	21
22	0.710	0.674	0.559	0.638	1.306	1.248	0.932	0.670	0.671	0.730	0.926	---	22
23	0.732	0.669	0.555	0.661	1.365	1.247	0.922	0.662	0.675	0.730	0.909	---	23
24	0.759	0.663	0.555	0.718	1.415	1.253	0.917	0.652	0.676	0.744	0.898	---	24
25	0.778	0.653	0.552	0.778	1.451	1.246	0.904	0.644	0.670	0.763	0.885	---	25
26	0.783	0.646	0.548	0.805	1.505	1.237	0.895	0.634	0.669	0.773	0.876	---	26
27	0.790	0.635	0.558	0.825	1.553	1.221	0.883	0.625	0.658	0.785	0.855	---	27
28	0.788	0.629	0.563	0.835	1.566	1.211	0.874	0.618	0.659	0.793	0.831	---	28
29	0.784		0.579	0.840	1.544	1.199	0.883	0.621	0.665	0.807	0.827	---	29
30	0.786		0.586	0.851	1.521	1.190	0.886	0.621	0.663	0.815	0.821	---	30
31	0.783		0.591		1.539		0.887	0.616		0.819		---	31
MEAN	0.800	0.684	0.575	0.644	1.161	1.339	1.006	0.736	0.681	0.736	0.960	---	MEAN
MAX	0.951	0.775	0.621	0.851	1.566	1.576	1.187	0.887	0.715	0.819	1.059	---	MAX
MIN	0.705	0.629	0.548	0.574	0.874	1.190	0.874	0.616	0.618	0.671	0.821	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 1.576 ON JUN 2
MINIMUM DAILY, 0.548 ON MAR 26
MAXIMUM INSTANTANEOUS,
1.582 AT 15:30 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 121 24 50 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BOWRON RIVER BELOW BOX CANYON - STATION NO. 08KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	84.0B	45.5B	36.7B	49.0B	93.0E	283	103	47.9	16.8	45.2	102	29.5B	1
2	74.0B	43.5B	35.8B	47.0B	102 E	242	97.1	43.7	21.8	50.3	108	29.0B	2
3	69.0B	41.0B	35.0B	44.5B	110 E	216	96.3	40.6	29.3	50.4	107	28.5B	3
4	65.5B	39.0B	34.5B	42.5B	116 A	222	98.4	38.9	26.5	49.2	112	28.3B	4
5	63.5B	37.5B	33.8B	41.0B	114	212	90.6	37.4	24.8	48.4	102	28.2B	5
6	61.0B	35.5B	33.5B	38.0B	124	194	85.2	35.3	24.1	48.4	91.4	28.0B	6
7	58.2B	34.5B	33.0B	34.5B	123	184	82.0	33.8	24.0	48.8	86.5	28.0B	7
8	54.5B	33.0B	32.5B	32.0B	122	160	76.6	32.1	22.7	53.5	83.2	28.0B	8
9	52.4B	31.8B	32.2B	30.5B	128	145	71.5	30.5	21.8	54.1	80.7	28.0B	9
10	50.5B	31.2B	32.0B	29.0B	137	136	69.3	28.8	21.9	55.2	76.8	28.0B	10
11	49.0B	31.5B	31.9B	28.3B	130	136	66.4	27.8	22.4	57.4	72.8	28.0B	11
12	47.0B	32.0B	31.8B	28.0B	125	139	63.9	26.6	22.5	56.8	72.6	28.0B	12
13	45.5B	33.2B	31.8B	28.0B	129	129	62.4	25.3	22.5	55.1	75.6	28.0B	13
14	44.0B	35.5B	31.9B	28.5B	141	122	61.0	24.4	22.6	53.8	71.9	28.0B	14
15	42.5B	37.5B	32.0B	29.5E	151	124	58.1	23.4	22.6	53.6	69.8	28.0B	15
16	41.0B	41.0B	32.1B	32.0E	176	135	56.5	22.8	22.8	55.0	71.2	28.0B	16
17	40.5B	43.5B	32.4B	34.0E	191	137	54.1	22.2	22.6	59.3	66.7	28.0B	17
18	40.0B	48.0B	32.7B	36.5E	194	130	52.0	21.6	22.5	58.7	62.5	28.0B	18
19	40.0B	51.0B	33.0B	38.5E	196	122	51.4	21.2	22.9	55.9	57.7	27.9B	19
20	40.5B	52.4B	33.2B	41.0E	203	132	50.3	21.2	24.9	55.1	55.8	27.6B	20
21	41.5B	52.0B	33.5B	50.0E	223	138	47.7	20.4	26.5	57.7	52.5	27.4B	21
22	43.8B	51.0B	33.7B	57.5E	260	132	45.0	19.9	27.6	55.7	50.1	27.0B	22
23	46.0B	48.0B	33.9B	66.0E	264	131	43.6	19.5	31.8	55.0	47.6	26.6B	23
24	49.0B	45.5B	34.1B	82.0E	246	128	43.0	19.1	35.7	55.8	44.2	26.2B	24
25	52.0B	43.2B	34.3B	117 E	254	124	40.6	18.5	37.0	62.4	41.0B	25.8B	25
26	54.0B	41.5B	35.0B	115 E	274	120	39.4	17.9	36.6	63.6	37.5B	25.2B	26
27	54.5B	40.0B	36.5B	96.0E	280	115	37.5	17.6	37.2	62.8	34.5B	24.8B	27
28	54.2B	39.0B	38.5B	82.0E	240	107	36.8	17.8	38.4	66.0	32.1B	24.2B	28
29	53.0B		41.0B	83.5E	207	102	40.5	17.5	40.0	70.3	31.2B	23.8B	29
30	50.5B		49.0B	85.0E	205	102	50.6	17.1	42.9	69.8	30.0B	23.3B	30
31	48.0B		50.5B		287		50.4	16.9		68.3		22.8B	31
TOTAL	1 609.1	1 138.3	1 081.8	1 546.3	5 545.0	4 499	1 921.2	807.7	815.7	1 751.6	2 026.9	840.1	TOTAL
MEAN	51.9	40.7	34.9	51.5	179	150	62.0	26.1	27.2	56.5	67.6	27.1	MEAN
MAX	84.0	52.4	50.5	117	287	283	103	47.9	42.9	70.3	112	29.5	MAX
MIN	40.0	31.2	31.8	28.0	93.0	102	36.8	16.9	16.8	45.2	30.0	22.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 64.6
MAXIMUM DAILY, 287 ON MAY 31
MINIMUM DAILY, 16.8 ON SEP 1
MAXIMUM INSTANTANEOUS,
326 AT 18:50 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 08 N
LONG 122 07 42 W
DRAINAGE AREA, 3 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	139 000	JUL	166 000
FEB	98 300	AUG	69 800
MAR	93 500	SEP	70 500
APR	134 000	OCT	151 000
MAY	479 000	NOV	175 000
JUN	389 000	DEC	72 600

TOTAL DISCHARGE, 2 040 000 dam³

BOWRON RIVER NEAR WELLS - STATION NO. 08KD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7	7.32	4.25	3.86	10.1	34.0E	20.1 E	9.08	2.93	3.51	7.69	6.49	1
2	12.2	6.91	4.16	3.91	10.7	34.2E	20.0 E	8.76	3.16	3.55	10.2	6.35	2
3	11.6	6.65	4.24	3.92	11.3	34.0E	19.9 E	8.52	3.41	3.66	13.1	6.06	3
4	11.1	6.66	4.10	3.84	11.7	34.0E	19.6 E	8.10	3.73	3.70	15.0	5.56	4
5	11.1	6.55	3.96	3.81	12.0	33.7E	19.4 E	7.80	3.97	3.68	16.3	5.49	5
6	10.8	6.27	3.80	3.85	12.4	32.7E	19.1 E	7.50	4.15	3.66	17.2	5.49	6
7	10.4	6.10	3.70	3.83	12.6	31.5E	18.8 E	7.10	4.16	3.90	17.6	5.25	7
8	9.80	5.84	3.68	3.82	13.1	30.2E	18.4 E	6.61	4.18	4.11	17.4	5.24	8
9	9.12	5.57	3.62	3.82	13.6	29.0E	17.9 E	6.35	4.13	4.33	17.1	5.13	9
10	8.47	5.24	3.59	3.80	13.8	27.2E	17.5 E	6.04	4.09	4.44	16.6	5.10	10
11	8.04	4.81	3.53	3.78	14.1	26.0E	16.6 E	5.68	3.98	4.49	16.0	4.93	11
12	7.71	4.71	3.52	3.84	14.5	25.1E	16.1	5.32	3.99	4.52	15.6	4.75	12
13	7.42	4.73	3.48	3.73	14.8	24.0E	14.9	4.98	3.88	4.54	15.2	4.60	13
14	7.02	4.64	3.51	3.67	15.4	23.1E	14.1	4.76	3.81	4.48	15.2	4.54	14
15	6.75	4.73	3.51	3.66	16.4	22.3E	13.5	4.55	3.74	4.51	15.2	4.47	15
16	6.44	4.92	3.53	3.64	16.9E	21.9E	13.3	4.26	3.70	4.54	14.9	4.36	16
17	6.06	4.97	3.52	3.63	17.8E	21.5E	12.9	4.08	3.62	4.47	14.2	4.25B	17
18	5.90	4.98	3.50	3.68	18.7E	21.5E	12.6	3.91	3.54	4.53	13.6	4.18B	18
19	5.88	5.05	3.55	3.79	19.8E	21.5E	12.0	3.80	3.56	4.53	13.1	4.10B	19
20	5.75	5.24	3.48	3.94	20.8E	21.5E	11.9	3.72	3.59	4.50	12.5	4.04B	20
21	5.76	5.21	3.42	4.16	22.5E	21.4E	11.6	3.58	3.62	4.45	11.9	4.00B	21
22	5.85	5.14	3.43	4.52	23.7E	21.4E	11.2	3.50	3.52	4.40	10.9	3.98B	22
23	6.33	5.04	3.40	4.90	25.2E	21.4A	10.7	3.38	3.58	4.40	10.1	3.95B	23
24	6.93	4.92	3.39	6.03	26.5E	21.5E	10.4	3.27	3.59	4.64	9.56	3.87B	24
25	7.39	4.76	3.36	7.39	28.5E	21.9E	9.82	3.19	3.50	5.07	8.98	3.84B	25
26	7.53	4.64	3.32	8.10	30.8E	21.8E	9.42	3.09	3.49	5.28	8.58	3.80B	26
27	7.69	4.48	3.43	8.64	32.5E	21.8E	8.90	3.00	3.33	5.60	7.81	3.78B	27
28	7.64	4.38	3.49	8.92	34.0E	21.3E	8.52	2.93	3.34	5.80	6.98	3.72B	28
29	7.56		3.69	9.06	34.0E	20.9E	8.86	2.96	3.42	6.22	6.84	3.68B	29
30	7.60		3.78	9.39	33.4E	20.3E	9.01	2.96	3.39	6.46	6.63	3.65B	30
31	7.53		3.84		33.4E		9.07	2.91		6.58		3.62B	31
TOTAL	252.07	150.46	112.78	146.93	615.0	762.6	436.10	155.69	110.10	142.55	381.97	142.27	TOTAL
MEAN	8.13	5.37	3.64	4.90	19.8	25.4	14.1	5.02	3.67	4.60	12.7	4.59	MEAN
MAX	12.7	7.32	4.25	9.39	34.0	34.2	20.1	9.08	4.18	6.58	17.6	6.49	MAX
MIN	5.75	4.38	3.32	3.63	10.1	20.3	8.52	2.91	2.93	3.51	6.63	3.62	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.34
MAXIMUM DAILY, 34.2E ON JUN 2
MINIMUM DAILY, 2.91 ON AUG 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 40 N
LONG 121 24 50 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 800	JUL	37 700
FEB	13 000	AUG	13 500
MAR	9 740	SEP	9 510
APR	12 700	OCT	12 300
MAY	53 100	NOV	33 000
JUN	65 900	DEC	12 300

TOTAL DISCHARGE, 295 000 dam³

BOWSER RIVER BELOW BETTY CREEK - STATION NO. 08DA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	2.97	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	13.6	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	19.3	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---	---	---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 16 04 N
LONG 130 03 32 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BRIDGE CREEK AT OUTLET OF HORSE LAKE - STATION NO. 08LA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10E	1.23	1.20	1.33	1.85	2.43	2.98	2.42	1.25	0.849	0.711	0.669	1
2	1.10E	1.24	1.21	1.36	1.91	2.44	2.99	2.38	1.25	0.797	0.715	0.636	2
3	1.10E	1.22	1.19	1.37	1.95	2.51	2.97	2.34	1.24	0.785	0.678	0.630B	3
4	1.10E	1.23	1.18	1.43	1.96A	2.52	2.92	2.31	1.23	0.793	0.654	0.666	4
5	1.12E	1.22	1.20	1.42	2.00E	2.58	2.89	2.29	1.24	0.824	0.659	0.660	5
6	1.12E	1.21	1.20	1.43	2.05E	2.51	2.84	2.24	1.22	0.827	0.668	0.695	6
7	1.14A	1.21	1.17	1.47	2.10E	2.53	2.80	2.21	1.20	0.794	0.656	0.635	7
8	1.13	1.22	1.14	1.50	2.10E	2.52	2.82	2.19	1.14	0.767	0.676	0.631	8
9	1.12	1.11	1.17	1.49	2.10E	2.57	2.77	2.12	1.13	0.744	0.689A	0.660	9
10	1.11	1.05	1.13	1.54	2.12E	2.61	2.70	2.07	1.12	0.756	0.674A	0.660B	10
11	1.11	1.12	1.14	1.54	2.12E	2.60	2.69	2.03	1.10	0.759	0.714	0.650B	11
12	1.10	1.23	1.14	1.49	2.12E	2.57	2.64	1.94	1.07	0.741	0.658	0.640B	12
13	1.11	1.25	1.12	1.50	2.12E	2.55	2.53	1.90	1.04	0.738	0.685	0.620B	13
14	1.11	1.24	1.11	1.51	2.12E	2.59	2.54	1.84	1.02	0.749	0.671	0.580B	14
15	1.11	1.23	1.11	1.50	2.12A	2.70	2.56	1.81	1.01	0.758	0.679	0.540B	15
16	1.12	1.27	1.10	1.47	2.13	2.67	2.54	1.74	0.990	0.755	0.674	0.520B	16
17	1.12	1.22	1.12	1.46	2.11	2.70	2.53	1.69	0.973	0.742	0.652	0.520B	17
18	1.12	1.25	1.14	1.49	2.12	2.76	2.49	1.71	0.950	0.733	0.656	0.540B	18
19	1.11	1.28	1.14	1.49	2.11	2.79	2.52	1.68	0.962	0.709	0.682	0.560B	19
20	1.12	1.26	1.13	1.50	2.09	2.84	2.49	1.69	0.978	0.710	0.686	0.540B	20
21	1.12	1.25	1.15	1.52	2.14	2.89	2.52	1.64	0.980	0.715	0.690	0.500B	21
22	1.19	1.23	1.13	1.56	2.19	2.92	2.47	1.58	0.953	0.718	0.685	0.460B	22
23	1.15	1.23	1.17	1.61	2.22	2.99	2.45	1.54	0.945	0.714	0.689	0.420B	23
24	1.15	1.21	1.19	1.60	2.24	3.08	2.42	1.49	0.962	0.696	0.692	0.400B	24
25	1.19	1.22	1.18	1.66	2.25	3.09	2.40	1.43	0.954	0.714	0.680	0.400B	25
26	1.23	1.24	1.15	1.70	2.28	3.06	2.34	1.38	0.947	0.713	0.673	0.390B	26
27	1.25	1.25	1.19	1.81	2.29	3.03	2.31	1.33	0.939	0.742	0.649	0.370B	27
28	1.23	1.22	1.22	1.77	2.31	3.03	2.42	1.30	0.866	0.735	0.676	0.350B	28
29	1.20		1.24	1.81	2.31	2.96	2.48	1.28	0.847	0.696	0.679	0.330B	29
30	1.22		1.30	1.87	2.30	2.97	2.42	1.27	0.871	0.728	0.715	0.320B	30
31	1.24		1.32		2.35		2.42	1.27		0.746		0.320B	31
TOTAL	35.44	30.14	36.28	46.20	66.18	82.01	80.86	56.11	31.377	23.247	20.365	16.512	TOTAL
MEAN	1.14	1.22	1.17	1.54	2.13	2.73	2.61	1.81	1.05	0.750	0.679	0.533	MEAN
MAX	1.25	1.28	1.32	1.87	2.35	3.09	2.99	2.42	1.25	0.849	0.715	0.695	MAX
MIN	1.10	1.05	1.10	1.33	1.85	2.43	2.31	1.27	0.847	0.696	0.649	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 3.09 ON JUN 25
MINIMUM DAILY, 0.320B ON DEC 30
MAXIMUM INSTANTANEOUS,
3.11 AT 10:00 PST ON JUN 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 15 N
LONG 121 13 50 W
DRAINAGE AREA, 912 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 060	JUL	6 990
FEB	2 950	AUG	4 850
MAR	3 130	SEP	2 710
APR	3 990	OCT	2 010
MAY	5 720	NOV	1 760
JUN	7 090	DEC	1 430

TOTAL DISCHARGE, 45 700 dam³

BRIDGE CREEK NEAR 100 MILE HOUSE - STATION NO. 08LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30B	1.30B	1.50B	2.22	4.00	4.64	4.59E	3.28	1.27	0.852	0.682	0.680B	1
2	1.19B	1.30B	1.50B	2.22	3.89	4.42	4.13	3.11	1.35	0.852	0.682	0.680B	2
3	1.16B	1.30B	1.50B	2.25	3.82	4.28	4.27	2.04	1.27	0.869	0.680B	0.680B	3
4	1.16B	1.30B	1.50B	2.29	3.82	4.00	4.81	2.67	1.27	0.869	0.680B	0.708B	4
5	1.19B	1.30B	1.50B	2.29	3.82	3.93	4.47	2.35	1.22	0.869	0.680B	0.736B	5
6	1.22B	1.27B	1.53B	2.29	3.66	3.82	4.17	2.35	1.22	0.852	0.665B	0.708B	6
7	1.25B	1.27B	1.53B	2.31	3.61	3.77	3.76	2.35	1.20	0.852	0.665B	0.708B	7
8	1.25B	1.22B	1.53B	2.32	3.55	3.73	3.56	3.35	1.20	0.835	0.665B	0.708B	8
9	1.25B	1.22B	1.53B	2.36	3.55	3.73	3.28	3.11	1.13	0.818	0.665	0.716B	9
10	1.22B	1.25B	1.53B	2.36	3.41	3.73	3.73	2.35	1.06	0.818	0.691	0.708B	10
11	1.19B	1.27B	1.56B	2.41	3.18	3.57	3.93	2.74	1.06	0.818	0.682	0.708B	11
12	1.19B	1.27B	1.56B	2.47	2.93	3.45	3.96	2.67	1.02	0.793	0.665	0.708B	12
13	1.19B	1.27B	1.56B	2.41	2.75	3.55	1.96	2.35	0.946	0.750	0.665	0.680B	13
14	1.19B	1.30B	1.59B	2.39	2.59	3.77	3.52	2.18	0.946	0.750	0.648	0.680B	14
15	1.22B	1.30B	1.59B	2.39	2.56	4.04	3.52	1.97	0.937	0.750	0.623	0.651B	15
16	1.25B	1.36B	1.61B	2.41	2.64	4.16	3.52	1.81	1.03	0.733	0.623	0.623B	16
17	1.25B	1.47B	1.61B	2.39	2.75	4.07	3.35	1.74	1.16	0.733	0.623	0.595B	17
18	1.25B	1.53B	1.61B	2.36	2.82	4.07	3.35	1.55	1.18	0.716	0.606	0.595B	18
19	1.22B	1.58B	1.64B	2.36	2.82	4.07	3.35	1.55	1.25	0.716	0.606	0.595B	19
20	1.22B	1.53B	1.64B	2.39	2.82	4.04	3.28	1.55	1.29	0.699	0.623	0.595B	20
21	1.25B	1.47B	1.67B	2.49E	2.82	4.00	3.56	1.60	1.03	0.699	0.648	0.566B	21
22	1.25B	1.42B	1.70B	2.61E	2.89	3.95	3.35	1.49	0.963	0.682	0.623	0.538B	22
23	1.25B	1.42B	1.73B	2.83E	3.02	3.95	3.01	1.49	0.937	0.665	0.623	0.510B	23
24	1.27B	1.42B	1.76B	3.11E	3.14	4.11	2.78	1.49	0.946	0.665	0.623	0.481B	24
25	1.30B	1.44B	1.81B	3.40E	3.27	4.50	2.47	1.40	0.852	0.699	0.623B	0.453B	25
26	1.33B	1.47B	1.87E	3.66	4.04	4.85	2.38	1.40	0.852	0.699	0.623B	0.453B	26
27	1.33B	1.47B	1.93E	3.89	4.81	5.49	2.29	1.37	0.869	0.699	0.637B	0.453B	27
28	1.30B	1.50B	1.98E	4.11	4.62	5.49	3.28	1.32	0.869	0.716	0.651B	0.453B	28
29	1.27B		2.04E	4.11	4.45	5.49	3.73	1.30	0.852	0.733	0.651B	0.453B	29
30	1.27B		2.10E	4.00	4.62	5.04E	3.62	1.30	0.852	0.725	0.680B	0.453B	30
31	1.27B		2.15E		4.85		3.49	1.27		0.699		0.453B	31
TOTAL	38.45	38.22	51.86	81.10	107.52	125.71	110.47	62.50	32.031	23.625	19.501	18.728	TOTAL
MEAN	1.24	1.37	1.67	2.70	3.47	4.19	3.56	2.02	1.07	0.762	0.650	0.604	MEAN
MAX	1.33	1.58	2.15	4.11	4.85	5.49	4.81	3.35	1.35	0.869	0.691	0.736	MAX
MIN	1.16	1.22	1.50	2.22	2.56	3.45	2.29	1.27	0.852	0.665	0.606	0.453	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.94
MAXIMUM DAILY, 5.49 ON JUN 27
MINIMUM DAILY, 0.453B ON DEC 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 42 18 N
LONG 121 10 33 W
DRAINAGE AREA, 1 330 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 320	JUL	9 540
FEB	3 300	AUG	5 400
MAR	4 480	SEP	2 770
APR	7 010	OCT	2 040
MAY	9 290	NOV	1 680
JUN	10 900	DEC	1 620

TOTAL DISCHARGE, 61 400 dam³

BRIDGE RIVER (SOUTH BRANCH) BELOW BRIDGE GLACIER - STATION NO. 08ME023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20B	1.00 B	0.620B	0.580B	1.10B	19.6	24.0	44.0	36.5	13.4	11.2 B	1.36 B	1
2	6.40B	0.980B	0.620B	0.580B	1.20B	19.5	26.6	41.7	31.6	12.2	15.0 B	1.32 B	2
3	5.60B	0.960B	0.610B	0.580B	1.30B	21.3	34.4	41.8	25.4	8.73	11.5 B	1.30 B	3
4	4.60B	0.950B	0.610B	0.580B	1.40B	20.7	36.4	42.3	23.1	6.51	10.0 B	1.22 B	4
5	3.80B	0.930B	0.600B	0.580B	1.50B	18.9	37.1	40.1	24.3	5.60	8.47	1.19 B	5
6	3.30B	0.910B	0.600B	0.580B	1.64B	19.2	33.4	42.6	25.7	4.86	6.36	1.15 B	6
7	2.80B	0.890B	0.600B	0.580B	1.80B	16.2	27.4	51.4	29.1	5.52	5.18	1.10 B	7
8	2.50B	0.870B	0.590B	0.580B	2.00B	14.0	24.6	56.9	34.5	4.90	4.47	1.07 B	8
9	2.20B	0.860B	0.590B	0.590B	2.20B	14.3	23.1	59.9	38.9	4.28	4.10	1.04 B	9
10	2.00B	0.840B	0.590B	0.590B	2.40B	14.1	23.3	61.1	32.4	3.82	3.96	1.00 B	10
11	1.90B	0.820B	0.580B	0.590B	2.65B	13.3	25.9	61.9	29.9	3.40	11.4	0.980B	11
12	1.80B	0.810B	0.580B	0.600B	3.20B	12.7	28.3	60.4	25.3	3.14	16.6	0.960B	12
13	1.70B	0.800B	0.580B	0.610B	3.94	12.3	29.5	59.8	22.0	3.11	11.7	0.940B	13
14	1.65B	0.780B	0.570B	0.610B	4.18	13.6	32.6	60.4	21.0	3.39	8.85	0.910B	14
15	1.60B	0.760B	0.570B	0.610B	4.37	14.3	34.5	55.9	24.2	3.46	7.08	0.900B	15
16	1.50B	0.750B	0.570B	0.610B	4.59	14.3	36.2	53.7	28.8	3.76	4.60B	0.880B	16
17	1.45B	0.740B	0.570B	0.620B	5.50	12.9	38.0	52.5	32.9	4.12	3.10B	0.870B	17
18	1.40B	0.730B	0.570B	0.620B	6.70	11.7	37.1	54.5	37.1	4.39	2.70B	0.860B	18
19	1.35B	0.710B	0.570B	0.630B	8.94	11.2	40.0	51.0	33.1	4.96	2.50B	0.850B	19
20	1.30B	0.700B	0.570B	0.630B	10.9	13.1	43.3	44.5	22.8	4.55	2.40B	0.840B	20
21	1.27B	0.700B	0.570B	0.640B	12.7	13.0	43.5	40.1	17.0	3.99	2.20B	0.830B	21
22	1.22B	0.690B	0.570B	0.660B	13.7	13.0	45.4	41.9	14.4	3.55	2.05B	0.810B	22
23	1.20B	0.680B	0.570B	0.680B	16.3	13.8	48.2	44.3	12.1	3.30	1.95B	0.800B	23
24	1.16B	0.670B	0.570B	0.700B	18.6	14.6	49.5	44.1	10.1	3.53	1.83B	0.790B	24
25	1.14B	0.660B	0.570B	0.720B	21.6	16.2	51.3	35.5	8.85	4.07	1.75B	0.780B	25
26	1.11B	0.650B	0.570B	0.780B	20.2	18.1	57.5	29.2	7.77	4.10	1.65B	0.770B	26
27	1.09B	0.640B	0.570B	0.830B	18.4	19.3	59.9	27.3	7.62	3.88	1.58B	0.760B	27
28	1.07B	0.640B	0.570B	0.870B	17.6	19.5	56.9	25.5	8.19	4.09	1.50B	0.750B	28
29	1.05B		0.570B	0.960B	18.4	21.2	48.6	28.3	7.90	3.64	1.44B	0.740B	29
30	1.03B		0.570B	1.00 B	21.3	23.2	44.3	30.0	7.54	3.19	1.40B	0.730B	30
31	1.02B		0.570B		20.9		46.0	29.7		5.60B		0.720B	31
TOTAL	69.41	22.120	18.030	19.790	271.21	478.9	1 186.8	1 412.3	680.07	151.04	168.52	29.220	TOTAL
MEAN	2.24	0.790	0.582	0.660	8.75	16.0	38.3	45.6	22.7	4.87	5.62	0.943	MEAN
MAX	8.20	1.00	0.620	1.00	21.6	23.2	59.9	61.9	38.9	13.4	16.6	1.36	MAX
MIN	1.02	0.640	0.570	0.580	1.10	11.2	23.1	25.5	7.54	3.11	1.40	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 61.9 ON AUG 11
MINIMUM DAILY, 0.570B ON MAR 14
MAXIMUM INSTANTANEOUS,
68.1 AT 19:00 PST ON AUG 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 24 N
LONG 123 27 05 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 000	JUL	103 000
FEB	1 910	AUG	122 000
MAR	1 560	SEP	58 800
APR	1 710	OCT	13 000
MAY	23 400	NOV	14 600
JUN	41 400	DEC	2 520

TOTAL DISCHARGE, 390 000 dam³

BROUSE CREEK ABOVE DIVERSIONS - STATION NO. 08NE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.014E	0.014E	0.015E	0.022E	0.055	0.062E	0.059	0.059E	0.037E	0.019E	0.028	0.017E	1
2	0.014E	0.014E	0.015E	0.022E	0.055	0.062E	0.054E	0.059	0.036	0.018E	0.027E	0.017	2
3	0.014E	0.014E	0.015E	0.021E	0.055	0.062	0.052E	0.057E	0.035E	0.018E	0.025	0.017E	3
4	0.014E	0.014	0.015E	0.020E	0.055E	0.065	0.050E	0.055	0.035	0.018E	0.024E	0.017E	4
5	0.013E	0.014E	0.014E	0.019E	0.055	0.068E	0.049E	0.055E	0.033E	0.019E	0.023	0.017E	5
6	0.013E	0.014E	0.014E	0.018E	0.055E	0.070	0.049E	0.055E	0.032	0.021E	0.022E	0.017	6
7	0.014E	0.014	0.014E	0.018E	0.055	0.070E	0.048E	0.055	0.030E	0.022E	0.020	0.017E	7
8	0.014E	0.014E	0.014E	0.017	0.055E	0.070	0.048	0.052E	0.028	0.022E	0.021E	0.017E	8
9	0.014E	0.014E	0.014E	0.017E	0.055	0.070E	0.048E	0.048	0.028E	0.022E	0.022	0.016	9
10	0.014E	0.014E	0.014E	0.017E	0.059	0.070	0.049E	0.046E	0.028	0.021E	0.021E	0.016E	10
11	0.014E	0.014E	0.014E	0.017E	0.059E	0.072E	0.051E	0.045	0.027E	0.021E	0.021E	0.016E	11
12	0.014E	0.014E	0.014E	0.017	0.359	0.075	0.055	0.045E	0.026	0.020E	0.020	0.016E	12
13	0.014E	0.014E	0.015E	0.017	0.059E	0.075E	0.064	0.045	0.025E	0.020E	0.020E	0.016	13
14	0.014E	0.014E	0.015E	0.018E	0.059	0.075	0.067E	0.043E	0.024E	0.020E	0.019	0.016E	14
15	0.014E	0.014	0.016E	0.018E	0.059E	0.073E	0.070	0.041	0.023	0.020E	0.018	0.016E	15
16	0.014E	0.015E	0.018E	0.018	0.059E	0.072E	0.072E	0.041	0.025E	0.020E	0.018	0.016	16
17	0.014E	0.015E	0.018E	0.021E	0.059	0.070	0.075	0.043E	0.028	0.020E	0.018E	0.016E	17
18	0.014	0.016E	0.018E	0.023	0.059E	0.066E	0.077E	0.045	0.028E	0.020E	0.017	0.016E	18
19	0.014E	0.016	0.018E	0.027E	0.059	0.062	0.080	0.046E	0.028	0.020	0.017E	0.016E	19
20	0.014E	0.016E	0.017E	0.032	0.061E	0.062	0.070	0.047E	0.027E	0.019E	0.017	0.016	20
21	0.014E	0.016E	0.017E	0.037E	0.062	0.062E	0.065E	0.048	0.026E	0.018	0.018E	0.016E	21
22	0.014E	0.015	0.017E	0.041	0.062E	0.062	0.060E	0.049E	0.025	0.017	0.018	0.016E	22
23	0.014	0.015E	0.017E	0.043E	0.062	0.061E	0.055	0.049	0.024E	0.018E	0.018E	0.016E	23
24	0.014E	0.015E	0.017E	0.045	0.061E	0.059	0.057E	0.047E	0.023	0.019E	0.018E	0.016	24
25	0.014E	0.015E	0.018E	0.048	0.059	0.059E	0.059	0.045	0.023E	0.020	0.018	0.017E	25
26	0.014E	0.015E	0.019E	0.048	0.061E	0.059E	0.061E	0.043E	0.023	0.022E	0.018E	0.017E	26
27	0.014E	0.015	0.020E	0.046E	0.062	0.059E	0.062E	0.041	0.022E	0.023	0.018	0.017	27
28	0.014	0.015E	0.021E	0.045	0.056	0.062E	0.064	0.040	0.022	0.023E	0.018E	0.017E	28
29	0.014E		0.021E	0.041	0.062	0.062E	0.062E	0.041	0.020E	0.024	0.017	0.017E	29
30	0.014E		0.022E	0.045	0.062E	0.059E	0.059	0.039	0.019	0.025E	0.017E	0.016	30
31	0.014		0.022E		0.062		0.059E	0.038E		0.027E		0.016E	31
TOTAL	0.432	0.409	0.518	0.838	1.817	1.975	1.850	1.462	0.810	0.636	0.596	0.509	TOTAL
MEAN	0.014	0.015	0.017	0.028	0.059	0.066	0.060	0.047	0.027	0.021	0.020	0.016	MEAN
MAX	0.014	0.016	0.022	0.048	0.062	0.075	0.080	0.059	0.037	0.027	0.028	0.017	MAX
MIN	0.013	0.014	0.014	0.017	0.055	0.059	0.048	0.038	0.019	0.017	0.017	0.016	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 0.080 ON JUL 19
MINIMUM DAILY, 0.013E ON JAN 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 00 N
LONG 117 43 40 W
DRAINAGE AREA, 1.01 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37.3	JUL	160
FEB	35.3	AUG	126
MAR	44.8	SEP	70.0
APR	72.4	OCT	55.0
MAY	157	NOV	51.5
JUN	171	DEC	44.0

TOTAL DISCHARGE, 1 020 dam³

BUCK CREEK AT THE MOUTH - STATION NO. 08EE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.792B	0.606B	0.424B	0.650B	12.6	18.3	3.55 E	0.864	0.349	0.165	1.66	0.444B	1
2	0.784B	0.597B	0.420B	0.655B	14.0	15.7	3.30 E	0.977	0.346	0.162	1.63	0.428B	2
3	0.776B	0.588B	0.416B	0.650B	13.8	14.2	3.10 E	0.950	0.334	0.298	1.62	0.412B	3
4	0.768B	0.579B	0.413B	0.635B	13.7	12.9 A	2.90 E	0.784	0.319	0.590	1.36	0.396B	4
5	0.760B	0.570B	0.410B	0.615B	15.6	11.4 E	2.65 E	0.731	0.270	0.516	1.57	0.380B	5
6	0.750B	0.562B	0.409B	0.600B	19.5	10.6 E	2.50 E	0.727	0.273	0.505	1.55	0.368B	6
7	0.740B	0.554B	0.408B	0.590B	27.3	10.2 E	2.30 E	0.691	0.270	0.571	1.39	0.356B	7
8	0.730B	0.546B	0.407B	0.585B	32.8	9.50E	2.10 A	0.704	0.222	0.968	1.30 B	0.344B	8
9	0.720B	0.538B	0.406B	0.580B	35.8	8.80E	2.14	0.659	0.244	1.42	1.22 B	0.332B	9
10	0.710B	0.530B	0.405B	0.580B	32.8	8.40E	1.97	0.607	0.228	1.51	1.13 B	0.320B	10
11	0.702B	0.522B	0.405B	0.585B	28.5	10.2 E	1.84	0.625	0.253	1.66	1.07 B	0.311B	11
12	0.694B	0.514B	0.403B	0.595B	27.4	13.0 E	1.81	0.620	0.251	1.74	1.01 B	0.302B	12
13	0.686B	0.506B	0.401B	0.650B	29.1	15.1 E	1.69	0.566	0.179	1.52	0.960B	0.293B	13
14	0.678B	0.498B	0.399B	0.850B	37.0	14.2 E	1.75	0.552	0.262	1.39	0.910B	0.284B	14
15	0.671B	0.490B	0.398B	1.47	46.8	12.0 E	1.67	0.519	0.291	1.31	0.870B	0.275B	15
16	0.664B	0.485B	0.396B	1.95	44.4	10.8 E	1.62	0.538	0.224	1.30	0.831B	0.268B	16
17	0.657B	0.480B	0.394B	2.16	41.7	10.0 E	1.46	0.456	0.180	1.20	0.792B	0.261B	17
18	0.651B	0.475B	0.392B	2.26	37.3	9.40E	1.37	0.365	0.181	1.10	0.753B	0.255B	18
19	0.645B	0.470B	0.390B	2.68	33.6	9.20E	1.30	0.173	0.177	1.06	0.714B	0.249B	19
20	0.665B	0.465B	0.388B	3.13	33.5	8.80E	1.17	0.161	0.158	1.08	0.685B	0.243B	20
21	0.695B	0.460B	0.386B	3.61	34.1	8.50E	1.13	0.128	0.172	1.02	0.660B	0.237B	21
22	0.700B	0.455B	0.384B	4.29	32.5	8.20E	1.02	0.141	0.206	0.955	0.635B	0.231B	22
23	0.700B	0.450B	0.382B	6.50	29.4	7.90E	0.962	0.160	0.183	0.931	0.610B	0.225B	23
24	0.695B	0.445B	0.381B	9.10	29.8	7.30E	0.958	0.236	0.165	0.947	0.585B	0.219B	24
25	0.680B	0.440B	0.380B	8.38	35.6	6.70E	0.976	0.196	0.169	0.948	0.560B	0.214B	25
26	0.670B	0.436B	0.390B	7.63	42.0	6.00E	0.967	0.167	0.189	0.931	0.540B	0.210B	26
27	0.660B	0.432B	0.405B	7.74	37.0	5.30E	0.826	0.162	0.192	0.939	0.520B	0.206B	27
28	0.650B	0.428B	0.430B	8.54	30.0	4.80E	0.775	0.168	0.181	1.00	0.500B	0.202B	28
29	0.640B		0.490B	8.55	25.2	4.55E	0.993	0.164	0.166	1.02	0.480B	0.198B	29
30	0.630B		0.570B	10.2	23.2	4.10E	0.999	0.314	0.172	1.15	0.460B	0.194B	30
31	0.615B		0.630B		21.1		0.928	0.418		1.43		0.191B	31
TOTAL	21.578	14.121	12.912	97.010	917.1	296.05	52.724	14.523	6.806	31.336	28.575	8.848	TOTAL
MEAN	0.696	0.504	0.417	3.23	29.6	9.87	1.70	0.468	0.227	1.01	0.953	0.285	MEAN
MAX	0.792	0.606	0.630	10.2	46.8	18.3	3.55	0.977	0.349	1.74	1.66	0.444	MAX
MIN	0.615	0.428	0.380	0.580	12.6	4.10	0.775	0.128	0.158	0.162	0.460	0.191	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 46.8 ON MAY 15
MINIMUM DAILY, 0.128 ON AUG 21
MAXIMUM INSTANTANEOUS,
49.6 AT 00:40 PST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 23 52 N
LONG 126 39 04 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 860	JUL	4 560
FEB	1 220	AUG	1 250
MAR	1 120	SEP	588
APR	8 380	OCT	2 710
MAY	79 200	NOV	2 470
JUN	25 600	DEC	764

TOTAL DISCHARGE, 130 000 dam³

BULKLEY RIVER AT QUICK - STATION NO. 08EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	92.0B	47.6B	38.8B	50.1	150	486	234	198	106	80.7E	78.5	66.5	1
2	90.6B	45.0B	37.9B	50.1	162	458	237	188	101	100	77.6	67.5	2
3	89.2B	43.6B	37.7B	50.1	163	428	250	182E	101 E	93.0	78.0	67.9	3
4	87.2B	42.2B	37.1B	49.3	164	407	262	176E	100	88.9	78.5	67.0	4
5	85.0B	40.8B	36.8B	46.8	170	386	252	170	98.6	84.8	80.4	62.0	5
6	83.3B	39.6B	36.2B	46.8	187	373	244E	167	98.6	83.3	78.0	58.9B	6
7	81.8B	38.5B	36.0B	44.8	228	341	237	165	98.6	85.3	78.5	56.9B	7
8	80.7B	37.4B	35.7B	45.6	300	329	217	164	97.6	107	76.1	54.7B	8
9	79.6B	36.0B	35.4	46.0	349	317	207	162	100	104	81.9	52.7B	9
10	78.2B	35.4B	34.4	45.2	333	291	198	162	103	98.1	84.3	50.4B	10
11	76.7B	35.1B	34.4	44.4	312	306	195	164	103	92.0	95.0	48.7B	11
12	75.3B	36.2B	35.0	42.8	299	351	200	162	106	85.3	100	47.0B	12
13	73.6B	37.4B	35.0	40.0	356	342	211	156	106	82.4	107	45.3B	13
14	71.9B	38.5B	35.0	39.3	395	338	219	152	101	80.4	107	43.6B	14
15	69.9B	40.2B	35.0	40.4	444	326	222	149	96.6	82.4	107	42.2B	15
16	67.7B	41.6B	36.3	42.4	517	316	224	140	94.5	92.0	106	40.8B	16
17	64.8B	42.8B	35.0	47.6	494	298	226	134	93.0	88.9	104	39.9B	17
18	63.1B	43.3B	34.1	48.4	458	279	231	131	90.4	86.9	101	39.1B	18
19	61.7B	43.6B	33.2	50.1	435	267	246	131	89.4	87.9	97.1	37.9B	19
20	61.4B	43.3B	33.2	55.2	460	273	250	129	88.4	84.1E	95.0	37.1B	20
21	62.3B	43.0B	31.9	59.5E	483	263	252	128	85.3	80.4	94.5	36.2B	21
22	62.9B	42.8B	32.3E	63.7	510	247	250	123	84.8	77.6	92.0	35.7B	22
23	63.1B	42.5B	32.2	85.9	488	247	237	122	83.3	74.7	86.9	34.8B	23
24	62.3B	42.2B	31.6	104	497	243	235	122	79.5	72.7	84.3	34.3B	24
25	60.9B	41.9B	33.5	104	569	242	230	125E	75.6	73.7	82.4	33.7B	25
26	58.9B	41.6B	35.0	102	677	240	229E	128	72.7	75.2	77.1	33.4B	26
27	56.9B	40.8B	37.8	99.7	606	238	227	126	68.9	72.7	70.8	33.1B	27
28	54.4B	39.6B	38.5	103	561E	235	225	122	67.0	71.3	72.8E	32.6B	28
29	52.4B		39.7	105	513	232	220	116	62.9	70.8	74.7	32.0B	29
30	50.7B		51.4	105	515	233	217	111	61.2	68.4	68.4	31.7B	30
31	49.0B		50.1		527		215	109E		70.3		31.1B	31
TOTAL	2 167.5	1 142.5	1 136.2	1 857.2	12 322	9 332	7 099	4 514	2 713.9	2 595.2	2 614.8	1 394.7	TOTAL
MEAN	69.9	40.8	36.7	61.9	397	311	229	146	90.5	83.7	87.2	45.0	MEAN
MAX	92.0	47.6	51.4	105	677	486	262	198	106	107	107	67.9	MAX
MIN	49.0	35.1	31.6	39.3	150	232	195	109	61.2	68.4	68.4	31.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 134
MAXIMUM DAILY, 677 ON MAY 26
MINIMUM DAILY, 31.1B ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 05 N
LONG 126 53 55 W
DRAINAGE AREA, 7 360 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	187 000	JUL	613 000
FEB	98 700	AUG	390 000
MAR	98 200	SEP	234 000
APR	160 000	OCT	224 000
MAY	1 060 000	NOV	226 000
JUN	806 000	DEC	121 000

TOTAL DISCHARGE, 4 220 000 dam³

BULKLEY RIVER NEAR HOUSTON - STATION NO. 08EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	6.46B	49.8	56.1	10.7	1.42	0.510	---	---	---	1
2	---	---	---	6.29B	53.0	45.3	9.86	1.34	0.459	---	---	---	2
3	---	---	---	6.20B	51.5	38.7	9.15	1.38	0.578	---	---	---	3
4	---	---	---	6.12B	51.8	37.6	8.57	1.26	0.544	---	---	---	4
5	---	---	---	5.97B	56.1	34.5	7.23	1.22	0.476	---	---	---	5
6	---	---	---	5.80B	68.8	33.1	6.91	1.12	0.459	---	---	---	6
7	---	---	---	5.69B	75.2	32.3	6.81	1.01	0.459	---	---	---	7
8	---	---	---	5.61B	87.0	29.3	6.33	0.946	0.510	1.77	---	---	8
9	---	---	---	5.44B	99.4	27.8	6.24	0.912	0.476	---	---	---	9
10	---	---	---	5.30B	108	25.3	5.95	0.821	0.459	---	---	---	10
11	---	---	---	5.15B	97.9	31.1	5.61	0.736	0.411	---	---	---	11
12	---	---	---	5.01	92.0	39.8	5.10	0.623	0.354	---	---	---	12
13	---	---	---	4.77	93.5	44.1	4.52	0.544	0.382	---	---	---	13
14	---	---	---	5.35	107	40.0	4.28	0.425	0.396	---	---	---	14
15	---	---	---	5.86	125	35.7	3.76	0.283	0.396	---	---	---	15
16	---	---	---	6.81	134	31.1	3.43	0.258	0.425	---	---	---	16
17	---	---	---	7.45	133	28.5	3.22	0.232	0.425	---	---	---	17
18	---	---	---	8.57	122	27.8	3.11	0.215	0.382	---	---	---	18
19	---	---	---	9.60E	114	26.4	2.45	0.176	0.340	---	---	---	19
20	---	---	---	10.6	112	27.0	1.78	0.193	0.311	---	---	---	20
21	---	---	---	12.9	110	24.9	1.87	0.224	0.275	---	---	---	21
22	---	---	---	15.7	103	23.7	2.40	0.266	0.283	---	---	---	22
23	---	---	---	18.3	104	23.6	2.45	0.368	0.326	---	---	---	23
24	---	---	---	28.9	94.8	22.0	1.95	0.382	0.354	---	---	---	24
25	---	---	---	31.5	101	19.8	1.87	1.18	0.354	---	---	---	25
26	---	---	---	29.3	111	18.7	1.83	1.30	0.326	---	---	---	26
27	---	---	---	30.1	102	15.9	1.91	1.34	0.311	---	---	---	27
28	---	---	---	31.1	95.4	14.0	1.61	1.26	0.311	---	---	---	28
29	---		---	33.7	76.1	13.3	1.42	0.946	0.283	---	---	---	29
30	---		---	40.3	71.1	13.0	1.53	0.821	0.266	---	---	---	30
31	---		---		63.7E		1.46	0.544		---		---	31
TOTAL	---	---	---	399.85	2 863.1	880.4	135.31	23.745	11.841	---	---	---	TOTAL
MEAN	---	---	---	13.3	92.4	29.3	4.36	0.766	0.395	---	---	---	MEAN
MAX	---	---	---	40.3	134	56.1	10.7	1.42	0.578	---	---	---	MAX
MIN	---	---	---	4.77	49.8	13.0	1.42	0.176	0.266	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 134 ON MAY 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 23 45 N
LONG 126 42 30 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 700
FEB	---	AUG	2 050
MAR	---	SEP	1 020
APR	34 500	OCT	---
MAY	247 000	NOV	---
JUN	76 100	DEC	---

BULL CREEK NEAR CRUMP - STATION NO. 08NM133

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.031B	0.021B	0.020B	0.034	0.453	0.753	0.328	0.125	0.064	0.048	0.048	0.037B	1
2	0.031B	0.020B	0.020B	0.031	0.351	0.719	0.294	0.142	0.062	0.061	0.050	0.034B	2
3	0.028B	0.020B	0.021B	0.034	0.252	0.668	0.266	0.244	0.056	0.056	0.048	0.034B	3
4	0.028B	0.020B	0.021B	0.031	0.235	0.620	0.252	0.184	0.056	0.052	0.048	0.034B	4
5	0.027B	0.020B	0.021B	0.034	0.201	0.595	0.235	0.153	0.056	0.050	0.043	0.034B	5
6	0.027B	0.020B	0.020B	0.031	0.190	0.600	0.221	0.130	0.051	0.055	0.038	0.031B	6
7	0.028B	0.020B	0.020B	0.031	0.193	0.544	0.249	0.116	0.048	0.074	0.049	0.031B	7
8	0.028B	0.019B	0.019B	0.031	0.215	0.558	0.294	0.108	0.048	0.066	0.044	0.031B	8
9	0.027B	0.019B	0.019B	0.031	0.266	0.716	0.283	0.102	0.046	0.059	0.043	0.031B	9
10	0.025B	0.019B	0.020B	0.037	0.297	0.663	0.464	0.096	0.043	0.056	0.043	0.031B	10
11	0.024B	0.019B	0.020B	0.031	0.306	0.660	0.357	0.091	0.042	0.053	0.043	0.028B	11
12	0.023B	0.020B	0.020B	0.034	0.348	0.569	0.280	0.085	0.041	0.051	0.045	0.028B	12
13	0.022B	0.020B	0.020B	0.048	0.368	0.609	0.323	0.082	0.039	0.050	0.046	0.028B	13
14	0.021B	0.021B	0.021B	0.048	0.442	0.714	0.340	0.079	0.038	0.051	0.045	0.028B	14
15	0.020B	0.022B	0.021B	0.034	0.705	0.648	0.286	0.079	0.037	0.050	0.044	0.028B	15
16	0.020B	0.023B	0.022B	0.037	0.685	0.592	0.269	0.074	0.035	0.051	0.043	0.028B	16
17	0.021B	0.023B	0.022B	0.040	0.708	0.515	0.238	0.076	0.036	0.049	0.043	0.028B	17
18	0.021B	0.022B	0.021B	0.040	0.736	0.564	0.317	0.071	0.033	0.048	0.043	0.028B	18
19	0.022B	0.022B	0.021B	0.048	0.816	0.648	0.283	0.068	0.049	0.047	0.042	0.031B	19
20	0.022B	0.021B	0.020B	0.059	0.940	0.564	0.229	0.071	0.051	0.046	0.035	0.028B	20
21	0.023B	0.021B	0.021B	0.062	1.44	0.521	0.210	0.071	0.045	0.044	0.047	0.027B	21
22	0.024B	0.020B	0.022B	0.071	1.03	0.510	0.195	0.065	0.044	0.044	0.042A	0.025B	22
23	0.024B	0.020B	0.022B	0.113	0.985	0.487	0.190	0.065	0.044	0.046	0.037E	0.025B	23
24	0.023B	0.020B	0.024B	0.190	1.02	0.442	0.212	0.059	0.045	0.045	0.034E	0.026B	24
25	0.022B	0.020B	0.024B	0.133	1.86	0.408	0.229	0.054A	0.048	0.047	0.031E	0.027B	25
26	0.021B	0.021B	0.028B	0.105	1.58	0.377	0.187	0.051	0.047	0.047	0.031E	0.026B	26
27	0.021B	0.020B	0.031	0.102	1.17	0.374	0.167	0.051	0.046	0.048	0.031A	0.025B	27
28	0.021B	0.020B	0.034	0.119	1.02	0.402	0.150	0.049	0.051	0.048	0.034B	0.025B	28
29	0.021B		0.034	0.198	0.960	0.351	0.142	0.056	0.049	0.051	0.037B	0.025B	29
30	0.022B		0.034	0.300	0.949	0.337	0.142	0.069	0.046	0.048	0.037B	0.024B	30
31	0.021B		0.034		0.830		0.139	0.060		0.046		0.023B	31
TOTAL	0.739	0.573	0.717	2.137	21.551	16.728	7.771	2.826	1.396	1.587	1.244	0.889	TOTAL
MEAN	0.024	0.020	0.023	0.071	0.695	0.558	0.251	0.091	0.047	0.051	0.041	0.029	MEAN
MAX	0.031	0.023	0.034	0.300	1.86	0.753	0.464	0.244	0.064	0.074	0.050	0.037	MAX
MIN	0.020	0.019	0.019	0.031	0.190	0.337	0.139	0.049	0.033	0.044	0.031	0.023	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.159
MAXIMUM DAILY, 1.86 ON MAY 25
MINIMUM DAILY, 0.019B ON FEB 8
MAXIMUM INSTANTANEOUS,
2.22 AT 15:55 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 15 N
LONG 119 54 10 W
DRAINAGE AREA, 96.9 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63.8	JUL	671
FEB	49.5	AUG	244
MAR	61.9	SEP	121
APR	185	OCT	137
MAY	1 860	NOV	107
JUN	1 450	DEC	76.8

TOTAL DISCHARGE, 5 030 dam³

BULL RIVER NEAR WARDNER - STATION NO. 08NG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.4	9.15	9.38	19.8	122	138	131	43.4	19.3	13.8	10.9	10.0	1
2	19.4	8.99	9.47	18.9	144	121	104	41.5	19.7	21.8	10.9	10.0	2
3	17.8	8.86	9.47	18.0	104	134	99.0	39.7	18.4	21.8	10.9	8.87	3
4	17.5	7.35	9.61	16.9	81.0	131	115	38.2	17.7	18.6	10.5	9.13	4
5	17.9	7.35	9.46	16.9	71.7	117	121	36.4	17.8	16.7	10.4	9.74	5
6	17.6	8.38	9.01	16.5	63.0	112	106	35.2	16.9	16.3	10.2	10.1	6
7	16.2	8.83	8.58	15.3	58.5	110	99.9	34.3	16.3	16.0	10.1	9.31	7
8	15.6	8.96	8.92	15.3	55.2	93.6	78.1	34.7	15.8	16.1	9.97	9.01	8
9	14.7	7.45B	8.65	15.2	57.1	85.7	64.1	33.5	15.6	16.5	9.91	9.03	9
10	14.0	5.52B	8.69	14.0	60.6	80.2	62.4	31.9	15.5	15.6	9.65	10.2	10
11	12.4	6.23B	9.20	13.3	64.2	74.8	62.0	30.9	15.2	14.9	9.66	9.70	11
12	11.0	8.51	10.0	13.2	62.6	72.1	62.8	30.5	14.9	14.4	10.5	8.88	12
13	11.2	8.75	11.2	12.7	61.6	78.5	68.5	30.1	14.4	13.9	11.2	6.33	13
14	10.0	9.82	12.1	12.1	67.5	80.1	75.7	30.0	14.1	13.4	11.2	8.58	14
15	9.06B	9.82	13.2	12.8	83.9	93.0	67.2	28.2	13.9	13.0	11.2 A	9.44	15
16	8.50B	10.8	14.1	15.6	87.0	106	64.7	27.2	13.6	12.9	11.2	8.91	16
17	9.63B	13.5	15.2	17.9	79.2	105	64.2	26.9	13.3	12.9	11.2	8.34	17
18	11.5	12.7	14.8	20.6	80.9	92.0	64.5	25.6	13.2	12.8	10.8	6.77	18
19	12.1	12.6	14.2	24.8	110	83.1	64.1	24.7	13.7	12.6	10.5	8.68	19
20	11.0	13.1	14.1	31.1	150	81.5	64.3	24.2	13.7	12.3	10.7	9.32	20
21	10.4	11.7	13.7	45.4	160	79.8	60.0	23.6	14.7	12.1	10.7	8.38	21
22	11.1	11.2	14.2	46.6	174	75.0	59.9	22.5	14.9	11.8	10.8	7.93B	22
23	11.0	11.0	13.9	50.8	185	74.0	59.6	21.8	14.0	11.9	10.6	7.45B	23
24	11.5	10.9	14.2	86.5	207	74.2	55.0	21.2	13.5	11.7	10.3	7.91B	24
25	10.9	10.7	14.7	86.0	221	75.7	60.3	20.6	13.2	11.6	8.98	8.29	25
26	10.3	10.1	15.1	69.0	243	92.1	61.7	20.6	13.4	11.5	8.85	7.37	26
27	9.95	9.58	14.9	60.7	212	110	56.8	20.2	12.9	11.6	8.35	7.15	27
28	10.1	9.55	15.4	59.7	179	95.9	65.2	19.5	14.6	12.0	8.07	7.76	28
29	9.94		16.9	59.2	164	89.4	59.6	18.8	15.7	11.9	8.88	6.85	29
30	9.65		17.9	67.3	160	106	53.3	18.7	14.6	11.7	9.99	6.23B	30
31	9.26		18.8		163		46.6	18.2		11.2		6.23B	31
TOTAL	393.59	271.40	389.04	972.1	3 732.0	2 860.7	2 276.5	872.8	454.5	435.3	307.11	261.91	TOTAL
MEAN	12.7	9.69	12.5	32.4	120	95.4	73.4	28.2	15.2	14.0	10.2	8.45	MEAN
MAX	22.4	13.5	18.8	86.5	243	138	131	43.4	19.7	21.8	11.2	10.2	MAX
MIN	8.50	5.52	8.58	12.1	55.2	72.1	46.6	18.2	12.9	11.2	8.07	6.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.2
MAXIMUM DAILY, 243 ON MAY 26
MINIMUM DAILY, 5.52B ON FEB 10
MAXIMUM INSTANTANEOUS,
260 AT 06:50 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 35 N
LONG 115 21 50 W
DRAINAGE AREA, 1 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 000	JUL	197 000
FEB	23 400	AUG	75 400
MAR	33 600	SEP	39 300
APR	84 000	OCT	37 600
MAY	322 000	NOV	26 500
JUN	247 000	DEC	22 600

TOTAL DISCHARGE, 1 140 000 dam³

BULMAN CREEK AT THE MOUTH - STATION NO. 08NM145

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0.003B	0.004B	0.021	0.951	0.280	0.079	0.054	0.021	0.010	0.034	0.018B	1
2	0.007B	0.003B	0.004B	0.018	0.827	0.252	0.065	0.048	0.020	0.020	0.033	0.018B	2
3	0.006B	0.003B	0.004B	0.018	0.538	0.218	0.057	0.042	0.014	0.014	0.030	0.017B	3
4	0.006B	0.003B	0.004B	0.017	0.459	0.178	0.051	0.037	0.013	0.012	0.026	0.019	4
5	0.006B	0.003B	0.004B	0.018	0.408	0.150	0.051	0.034	0.012	0.011	0.023	0.021	5
6	0.006B	0.002B	0.003B	0.024	0.357	0.147	0.048	0.028	0.009	0.017	0.020	0.019	6
7	0.007B	0.002B	0.003B	0.021	0.331	0.133	0.156	0.025	0.009	0.022	0.019	0.017	7
8	0.007B	0.002B	0.003B	0.018	0.328	0.161	0.212	0.022	0.008	0.017	0.017	0.016	8
9	0.006B	0.001B	0.003B	0.018	0.382	0.255	0.190	0.021	0.007	0.025	0.016	0.017	9
10	0.006B	0.001B	0.003B	0.016	0.459	0.283	0.190	0.016	0.007	0.029	0.016	0.017	10
11	0.005B	0.001B	0.003B	0.016	0.450	0.252	0.241	0.013	0.007	0.028	0.018	0.016	11
12	0.005B	0.002B	0.004	0.017	0.473	0.210	0.198	0.010	0.006	0.026	0.019	0.013	12
13	0.005B	0.002B	0.005	0.015	0.487	0.218	0.176	0.009	0.007	0.024	0.020	0.012B	13
14	0.005B	0.002B	0.005	0.014	0.453	0.235	0.219	0.008	0.007	0.022	0.021	0.012B	14
15	0.005B	0.003B	0.006	0.014	0.620	0.221	0.224	0.008	0.007	0.020	0.020	0.013B	15
16	0.005B	0.003B	0.012	0.017	0.736	0.212	0.266	0.008	0.006	0.019	0.020	0.013B	16
17	0.005B	0.004B	0.017	0.019	0.566	0.187	0.229	0.010	0.006	0.018	0.019	0.012B	17
18	0.005B	0.005B	0.014	0.024	0.490	0.178	0.187	0.008	0.005	0.016	0.022	0.013B	18
19	0.005B	0.005B	0.011	0.028	0.501	0.204	0.173	0.008	0.019	0.016	0.022	0.014B	19
20	0.005B	0.005B	0.010	0.034	0.555	0.198	0.170	0.009	0.016	0.014	0.021	0.013B	20
21	0.005B	0.005B	0.010	0.045	0.937	0.193	0.176	0.008	0.017	0.011	0.022	0.012B	21
22	0.005B	0.004B	0.010	0.059	0.739	0.159	0.139	0.008	0.014	0.010	0.022	0.011B	22
23	0.005B	0.004B	0.011	0.116	0.496	0.139	0.119	0.008	0.012	0.010	0.020	0.011B	23
24	0.005B	0.004B	0.010	0.872	0.399	0.122	0.167	0.007	0.012	0.011	0.019	0.013B	24
25	0.004B	0.005B	0.010	0.725	0.530	0.108	0.142	0.007	0.010	0.011	0.019	0.013B	25
26	0.004B	0.004B	0.011	0.396	0.773	0.091	0.122	0.007	0.009	0.014	0.018	0.011B	26
27	0.004B	0.004B	0.011	0.328	0.493	0.076	0.105	0.007	0.009	0.019	0.017	0.011B	27
28	0.004B	0.004B	0.011	0.300	0.357	0.062	0.088	0.006A	0.011	0.031	0.016B	0.011B	28
29	0.004B		0.015	0.311	0.278	0.059	0.074	0.013	0.010	0.037	0.017B	0.010B	29
30	0.004B		0.018	0.473	0.258	0.059	0.062	0.014	0.009	0.036	0.017B	0.010B	30
31	0.004B		0.017		0.269		0.057	0.010		0.036		0.009B	31
TOTAL	0.162	0.089	0.256	4.012	15.900	5.240	4.432	0.513	0.319	0.606	0.623	0.432	TOTAL
MEAN	0.005	0.003	0.008	0.134	0.513	0.175	0.143	0.017	0.011	0.020	0.021	0.014	MEAN
MAX	0.007	0.005	0.018	0.872	0.951	0.283	0.266	0.054	0.021	0.037	0.034	0.021	MAX
MIN	0.004	0.001	0.003	0.014	0.258	0.059	0.048	0.006	0.005	0.010	0.016	0.009	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 0.951 ON MAY 1
MINIMUM DAILY, 0.001B ON FEB 9
MAXIMUM INSTANTANEOUS,
1.16 AT 22:46 PST ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 18 N
LONG 119 15 06 W
DRAINAGE AREA, 12.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14.0	JUL	383
FEB	7.69	AUG	48.3
MAR	22.1	SEP	27.6
APR	347	OCT	52.4
MAY	1 370	NOV	53.8
JUN	453	DEC	37.3

TOTAL DISCHARGE, 2 810 dam³

BURRELL CREEK ABOVE GLOUCESTER CREEK - STATION NO. 08NN023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.07	1.93B	2.19	4.93	27.4	17.3	9.23	4.39	1.08	1.24	7.16	2.77	1
2	1.88	1.81B	2.12	4.59	23.6	17.3	7.67	4.08	1.32	1.34	7.48	2.72	2
3	1.76B	1.78B	2.14	4.30	17.0	17.4	6.82	3.88	1.06	1.31	6.98	2.68	3
4	1.65B	1.76B	2.15	4.02	14.4	19.2	6.46	3.62	0.968	1.25	6.39	2.64	4
5	1.57B	1.76B	2.18	3.82	12.8	16.8	6.20	3.40	0.946	1.21	5.84	2.58	5
6	1.50B	1.76B	2.08	3.60	11.6	21.7	6.60	3.14	0.906	1.74	5.37	2.53	6
7	1.42B	1.73B	2.08	3.45	10.7	16.7	8.83	2.89	0.841	4.64	4.92	2.37	7
8	1.36B	1.67B	2.03	3.28	10.1	14.9	8.18	2.74	0.782	4.70	4.59	2.31	8
9	1.30B	1.67B	1.99	3.14	10.9	16.0	7.33	2.51	0.742	4.28	4.34	2.32	9
10	1.23B	1.67B	2.01	2.94	12.0	19.2	6.82	2.32	0.705	3.80	4.15	2.81	10
11	1.17B	1.67B	2.05	2.89	12.8	18.7	6.82	2.12	0.682	3.41	3.94	2.60	11
12	1.10B	1.67B	2.10	2.74	13.6	14.8	6.00	1.96	0.651	3.18	4.19	2.10B	12
13	1.04B	1.66B	2.16	2.62	14.5	14.6	6.09	1.81	0.609	3.00	4.20	2.07B	13
14	1.04B	1.67B	2.34	2.58	15.7	13.7	7.56	1.73	0.586	2.91	4.12	2.29B	14
15	1.04B	1.75B	2.57	2.68	23.5	13.3	6.74	1.68	0.558	2.84	4.14	2.53B	15
16	1.05B	1.88B	2.97	2.89	21.2	14.2	6.23	1.51	0.561	2.82	3.97	2.32B	16
17	1.04B	2.00	3.28	3.17	21.0	12.4	5.64	1.55	0.527	2.83	3.81	2.27B	17
18	1.05B	2.08	3.28	3.74	22.8	11.4	5.18	1.35	0.510	2.77	3.71	2.25B	18
19	1.10B	2.20	3.26	4.87	25.7	13.0	5.01	1.21	0.640	2.72	3.62	2.22B	19
20	1.19B	2.35	3.11	6.06	27.6	13.5	5.52	1.48	0.833	2.66	3.55	2.21	20
21	1.29	2.32	3.00	6.97	34.0	12.1	5.18	1.81	0.722	2.52	3.63	2.08	21
22	1.39	2.31	2.97	8.13	32.8	11.2	4.90	1.39	0.725	2.41	3.69	1.91B	22
23	1.86	2.25	3.00	10.5	28.2	11.0	4.87	1.19	0.716	2.32	3.58	1.93B	23
24	2.33	2.21	2.97	16.9	26.8	10.1	5.49	1.07	0.787	2.26	3.48	2.01B	24
25	2.35	2.26	3.00	15.5	33.4	9.77	5.44	1.02	0.787	2.28	3.27	2.04B	25
26	2.31	2.31	3.00	12.5	30.6	9.77	4.70	0.966	0.756	2.36	3.26	1.98B	26
27	2.31	2.26	3.09	11.5	23.8	9.12	4.28	0.906	0.748	2.84	2.92	1.93B	27
28	2.29	2.26	3.31	11.0	21.7	8.01	4.02	0.852	1.03	6.79	3.14	1.88B	28
29	2.16		4.28	11.8	20.5	7.56	4.16	0.833	1.18	9.66	3.02	1.84B	29
30	2.10		5.18	16.7	22.7	7.70	5.83	1.20	1.29	7.43	2.88	1.73B	30
31	2.07		5.07		22.3		4.79	0.951		6.68		1.47B	31
TOTAL	49.02	54.65	86.96	193.81	645.7	412.43	188.59	61.558	24.248	102.20	129.34	69.39	TOTAL
MEAN	1.58	1.95	2.81	6.46	20.8	13.7	6.08	1.99	0.808	3.30	4.31	2.24	MEAN
MAX	2.35	2.35	5.18	16.9	34.0	21.7	9.23	4.39	1.32	9.66	7.48	2.81	MAX
MIN	1.04	1.66	1.99	2.58	10.1	7.56	4.02	0.833	0.510	1.21	2.88	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.53
MAXIMUM DAILY, 34.0 ON MAY 21
MINIMUM DAILY, 0.510 ON SEP 18
MAXIMUM INSTANTANEOUS,
47.8 AT 21:17 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 21 N
LONG 118 18 40 W
DRAINAGE AREA, 224 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 240	JUL	16 300
FEB	4 720	AUG	5 320
MAR	7 510	SEP	2 100
APR	16 700	OCT	8 830
MAY	55 800	NOV	11 200
JUN	35 600	DEC	6 000

TOTAL DISCHARGE, 174 000 dam³

CABIN CREEK NEAR THE MOUTH - STATION NO. 08NP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00	0.753	0.787	0.750	15.3	7.53	4.22	1.17	1.27	0.648	0.444	0.399B	1
2	4.28	0.733	0.906	0.725	11.1	6.51	3.68	1.10	1.35	0.850	0.435	0.396B	2
3	6.88	0.753	0.680	0.691	7.59	7.45	3.60	1.08	0.816	0.787	0.435	0.396B	3
4	8.72	0.708B	0.612	0.697	6.20	9.49	3.51	1.00	0.782	0.663	0.443	0.399B	4
5	8.52	0.631B	0.600	0.699	5.58	8.16	3.37	0.943	0.821	0.612	0.408	0.391B	5
6	1.80	0.646B	0.597	0.677	4.96	8.27	3.20	0.852	0.728	0.600	0.435	0.374B	6
7	1.65	0.665B	0.699	0.646	4.16	6.91	3.43	0.844	0.685	0.569	0.494	0.365B	7
8	1.49	0.660B	0.583	0.629	3.82	5.92	2.97	0.847	0.663	0.592	0.430	0.365B	8
9	1.39	0.481B	0.595	0.634	4.30	7.99	2.33	0.816	0.648	0.484	0.429	0.368B	9
10	1.23 B	0.382B	0.609	0.631	4.76	6.91	2.19	0.830	0.589	0.513	0.420	0.362B	10
11	1.13 B	0.481B	0.612	0.637	4.96	5.78	2.22	0.830	0.609	0.527	0.423	0.311B	11
12	1.05 B	0.518B	0.660	0.646	5.04	5.30	1.99	0.787	0.592	0.524	0.464	0.294B	12
13	0.977B	0.538B	0.728	0.643	5.30	6.20	2.01	0.793	0.555	0.504	0.482	0.289B	13
14	0.872B	0.552B	0.731	0.682	6.88	7.33	2.62	0.968	0.535	0.470	0.448	0.286B	14
15	0.807B	0.561B	0.818	0.835	9.20	9.03	2.39	0.799	0.521	0.462	0.463	0.286B	15
16	0.736B	0.589	0.861	1.52	6.99	8.55	2.10	0.810	0.524	0.479	0.452	0.286B	16
17	0.756B	0.620	0.804	1.67	5.95	7.90	1.95	0.818	0.530	0.515	0.434	0.306B	17
18	0.779B	0.592	0.759	2.10	7.62	6.71	1.85	0.765	0.515	0.518	0.432	0.334B	18
19	0.801B	0.663	0.878	2.46	10.9	6.74	1.76	0.719	0.490	0.532	0.414	0.368B	19
20	0.807B	0.728	0.804	3.57	11.8	8.07	1.81	0.708	0.510	0.530	0.424	0.377B	20
21	0.801B	0.637	1.04	5.21	10.9	7.73	1.85	0.682	0.544	0.501	0.434	0.374B	21
22	0.793B	0.643	0.665	4.11	13.5	6.37	1.69	0.677	0.572	0.524	0.431	0.371B	22
23	0.807B	0.603	0.648	6.91	13.6	5.75	1.85	0.677	0.580	0.524	0.414	0.365B	23
24	0.807B	0.606	0.671	12.5	13.3	5.13	1.94	0.648	0.527	0.552	0.414	0.362B	24
25	0.799B	0.614	0.657	8.44	13.5	4.96	1.71	0.640	0.527	0.467	0.419B	0.360B	25
26	0.799B	0.637	0.680	7.08	14.4	5.04	1.62	0.697	0.498	0.453	0.419B	0.360B	26
27	0.799	0.626	0.671	6.71	11.6	5.01	1.50	0.651	0.535	0.496	0.422B	0.357B	27
28	0.801	0.680	0.716	6.65	10.6	4.45	1.54	0.637	0.833	0.496	0.422B	0.351B	28
29	0.784		0.759	7.76	9.51	4.02	1.44	0.634	0.787	0.472	0.419B	0.351B	29
30	0.906		0.801	11.4	9.32	4.08	1.33	0.600	0.728	0.448	0.405B	0.348B	30
31	0.835		0.742		9.09		1.25	0.597		0.435		0.343B	31
TOTAL	56.606	17.300	22.373	98.312	271.73	199.29	70.92	24.619	19.864	16.747	13.008	10.894	TOTAL
MEAN	1.83	0.618	0.722	3.28	8.77	6.64	2.29	0.794	0.662	0.540	0.434	0.351	MEAN
MAX	8.72	0.753	1.04	12.5	15.3	9.49	4.22	1.17	1.35	0.850	0.494	0.399	MAX
MIN	0.736	0.382	0.583	0.629	3.82	4.02	1.25	0.597	0.490	0.435	0.405	0.286	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 15.3 ON MAY 1
MINIMUM DAILY, 0.286B ON DEC 14
MAXIMUM INSTANTANEOUS,
18.7 AT 19:00 MST ON MAY 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 39 N
LONG 114 33 11 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 890	JUL	6 130
FEB	1 490	AUG	2 130
MAR	1 930	SEP	1 720
APR	8 490	OCT	1 450
MAY	23 500	NOV	1 120
JUN	17 200	DEC	941

TOTAL DISCHARGE, 71 000 dam³

CAMP CREEK AT MOUTH NEAR THIRSK - STATION NO. 08NM134

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.048	0.054B	0.037	0.076	0.354	0.501	0.210	0.144	0.082	0.048	0.046	0.042B	1
2	0.042	0.051B	0.037	0.074	0.357	0.453	0.195	0.150	0.068	0.054	0.045	0.042B	2
3	0.040B	0.051B	0.040	0.076	0.343	0.413	0.178	0.164	0.065	0.045	0.044	0.042B	3
4	0.040B	0.048B	0.040	0.071	0.331	0.379	0.167	0.167	0.065	0.043	0.043	0.040B	4
5	0.040B	0.048B	0.040	0.074	0.303	0.371	0.164	0.153	0.065	0.042	0.042	0.040B	5
6	0.042B	0.045B	0.037	0.071	0.297	0.371	0.159	0.144	0.059	0.056	0.043	0.040B	6
7	0.042B	0.040B	0.037	0.068	0.314	0.326	0.229	0.136	0.057	0.055	0.043	0.040B	7
8	0.042B	0.037B	0.040	0.071	0.306	0.328	0.204	0.127	0.054	0.050	0.044	0.042B	8
9	0.040B	0.031B	0.037	0.068	0.326	0.416	0.215	0.122	0.051	0.052	0.044	0.042B	9
10	0.037B	0.031B	0.040	0.065	0.334	0.391	0.269	0.116	0.051	0.045	0.045	0.042B	10
11	0.037B	0.031B	0.040	0.068	0.326	0.368	0.244	0.113	0.048	0.046	0.044	0.042B	11
12	0.037B	0.034B	0.042	0.068	0.320	0.337	0.229	0.108	0.045	0.052	0.048	0.042B	12
13	0.037B	0.040B	0.045	0.074	0.354	0.396	0.244	0.102	0.045	0.044	0.046	0.042B	13
14	0.034B	0.042B	0.045	0.074	0.408	0.396	0.244	0.099	0.042	0.046	0.044	0.042B	14
15	0.034B	0.045B	0.048	0.079	0.547	0.351	0.244	0.093	0.042A	0.046	0.044	0.042B	15
16	0.034B	0.048B	0.054	0.088	0.538	0.331	0.238	0.093	0.038	0.046	0.044	0.042B	16
17	0.034B	0.051B	0.051	0.099	0.566	0.311	0.232	0.091	0.037	0.046	0.045	0.042B	17
18	0.037B	0.051B	0.045	0.113	0.640	0.331	0.261	0.082	0.038	0.044	0.045	0.042B	18
19	0.037A	0.048A	0.051	0.139	0.753	0.365	0.275	0.082	0.047	0.044	0.046	0.042B	19
20	0.037	0.040	0.045	0.173	0.858	0.340	0.280	0.088	0.039	0.044	0.047	0.042B	20
21	0.040	0.040	0.048	0.170	1.19	0.331	0.261	0.074	0.042	0.044	0.049	0.042B	21
22	0.045	0.037	0.051	0.193	1.05	0.317	0.244	0.071	0.042	0.043	0.049	0.042B	22
23	0.054	0.040	0.051	0.224	0.943	0.306	0.235	0.071	0.046	0.044	0.047	0.042B	23
24	0.054	0.040	0.054	0.258	0.937	0.283	0.238	0.068	0.050	0.045	0.047	0.042B	24
25	0.051	0.042	0.062	0.227	1.12	0.272	0.218	0.062	0.045	0.045	0.042	0.042B	25
26	0.051	0.040	0.068	0.210	1.19	0.255	0.204	0.062	0.041	0.046	0.043	0.042B	26
27	0.051	0.037	0.068	0.204	0.934	0.238	0.193	0.059	0.045	0.047	0.042	0.042B	27
28	0.054	0.037	0.071	0.212	0.801	0.235	0.178	0.062	0.044	0.048	0.042B	0.042B	28
29	0.054		0.085	0.224	0.708	0.221	0.170	0.074	0.042	0.049	0.042B	0.042B	29
30	0.054		0.079	0.261	0.629	0.215	0.164	0.071	0.047	0.045	0.042B	0.042B	30
31	0.054		0.079		0.572		0.153	0.065		0.045		0.042B	31
TOTAL	1.333	1.179	1.567	3.872	18.649	10.148	6.739	3.113	1.482	1.449	1.337	1.294	TOTAL
MEAN	0.043	0.042	0.051	0.129	0.602	0.338	0.217	0.100	0.049	0.047	0.045	0.042	MEAN
MAX	0.054	0.054	0.085	0.261	1.19	0.501	0.280	0.167	0.082	0.056	0.049	0.042	MAX
MIN	0.034	0.031	0.037	0.065	0.297	0.215	0.153	0.059	0.037	0.042	0.042	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.183
MAXIMUM DAILY, 1.19 ON MAY 21
MINIMUM DAILY, 0.031B ON FEB 9
MAXIMUM INSTANTANEOUS,
1.48 AT 20:33 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 40 N
LONG 120 00 30 W
DRAINAGE AREA, 33.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115	JUL	582
FEB	102	AUG	269
MAR	135	SEP	128
APR	335	OCT	125
MAY	1 610	NOV	116
JUN	877	DEC	112

TOTAL DISCHARGE, 4 510 dam³

CAMP RUN CREEK NEAR CANYON - STATION NO. 08NN009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.023E	0.018E	0.018E	0.014	---	---	---	---	0.036E	0.027	0.023E	0.020E	1
2	0.023E	0.018E	0.017E	0.014E	---	---	---	---	0.036	0.028E	0.023E	0.021	2
3	0.023E	0.017E	0.017E	0.014E	---	---	---	---	0.036E	0.028E	0.022E	0.020E	3
4	0.023E	0.017E	0.017	0.014E	---	---	---	---	0.036	0.029E	0.022	0.020E	4
5	0.023E	0.017	0.016E	0.014	---	---	---	---	0.035E	0.029E	0.022E	0.020E	5
6	0.023E	0.016E	0.016E	0.014E	---	---	---	---	0.035E	0.030E	0.022E	0.020E	6
7	0.023	0.016E	0.016E	0.013E	---	---	---	---	0.033E	0.030	0.022E	0.020E	7
8	0.023E	0.015E	0.015E	0.013	---	---	---	---	0.033E	0.031E	0.023E	0.019E	8
9	0.023E	0.015E	0.015E	0.014E	---	---	---	---	0.032	0.032E	0.023E	0.019	9
10	0.023E	0.015E	0.015E	0.015	---	---	---	---	0.032E	0.031E	0.023E	0.019E	10
11	0.023	0.014	0.014	0.014	---	---	---	---	0.032	0.030E	0.023E	0.019E	11
12	0.022E	0.015E	0.016E	0.014E	---	---	---	---	0.031E	0.029E	0.023	0.018E	12
13	0.021E	0.015E	0.018	0.013	---	---	---	---	0.031E	0.028E	0.023E	0.018E	13
14	0.020E	0.015E	0.018E	0.017E	---	---	---	---	0.030	0.027E	0.023E	0.017E	14
15	0.019	0.016E	0.018E	0.022E	---	---	---	---	0.030E	0.026	0.023E	0.017E	15
16	0.019E	0.016E	0.018E	0.026	---	---	---	---	0.029E	0.026E	0.022E	0.017	16
17	0.018E	0.016E	0.018E	0.025E	---	---	---	---	0.029	0.026E	0.022E	0.017E	17
18	0.018	0.017	0.018	0.023	---	---	---	---	0.030E	0.025E	0.022	0.017E	18
19	0.018E	0.019E	0.018E	0.025E	---	---	---	---	0.030	0.025E	0.021E	0.017E	19
20	0.018E	0.021E	0.018E	0.026	---	---	---	---	0.030E	0.025E	0.021E	0.017E	20
21	0.018E	0.020E	0.017E	0.026E	---	---	---	---	0.030	0.025	0.021E	0.017E	21
22	0.018	0.019E	0.017E	0.026E	---	---	---	---	0.030E	0.025E	0.020E	0.017	22
23	0.018E	0.019E	0.017E	0.026	---	---	---	---	0.030	0.025E	0.020E	0.017E	23
24	0.018E	0.019E	0.017E	0.030	---	---	---	---	0.029E	0.025E	0.020E	0.017E	24
25	0.019E	0.019	0.017	0.030E	---	---	---	0.033E	0.027	0.025E	0.019	0.017E	25
26	0.019E	0.019E	0.016E	---	---	---	---	0.033E	0.027E	0.025E	0.019E	0.017E	26
27	0.019E	0.019E	0.016E	---	---	---	---	0.033	0.027	0.025	0.020E	0.017E	27
28	0.019	0.018E	0.016E	---	---	---	---	0.034E	0.027E	0.024E	0.020E	0.017E	28
29	0.019E		0.015E	---	---	---	---	0.034E	0.027	0.024E	0.020E	0.017E	29
30	0.019E		0.015E	---	---	---	---	0.035	0.027E	0.024E	0.020E	0.017	30
31	0.018E		0.015E		---		---	0.035E		0.023E		0.017E	31
TOTAL	0.630	0.480	0.514	---	---	---	---	---	0.927	0.832	0.647	0.559	TOTAL
MEAN	0.020	0.017	0.017	---	---	---	---	---	0.031	0.027	0.022	0.018	MEAN
MAX	0.023	0.021	0.018	---	---	---	---	---	0.036	0.032	0.023	0.021	MAX
MIN	0.018	0.014	0.014	---	---	---	---	---	0.027	0.023	0.019	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.013E ON APR 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 04 46 N
LONG 116 25 30 W
DRAINAGE AREA, 5.44 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58.4	JUL	---
FEB	41.5	AUG	---
MAR	44.4	SEP	80.1
APR	---	OCT	71.9
MAY	---	NOV	55.9
JUN	---	DEC	48.3

CANOE RIVER BELOW KIMMEL CREEK - STATION NO. 08HC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.40B	3.80B	2.60B	2.30B	11.5 B	33.0	28.9	43.8	34.0	10.8	25.2	2.30B	1
2	5.25B	3.75B	2.55B	2.30B	10.6	35.7	31.8	42.5	25.5	8.62	18.7	2.22B	2
3	5.15B	3.65B	2.52B	2.30B	8.84	34.9	47.3	41.3	20.7	6.51	11.6	2.20B	3
4	5.05B	3.50B	2.51B	2.27B	8.49	32.3	58.4	42.7	21.5	5.81	8.71	2.15B	4
5	5.00B	3.40B	2.50B	2.25B	8.78	26.8	45.2	46.4	17.9	5.39	7.25	2.10B	5
6	4.90B	3.30B	2.50B	2.23B	7.99	26.6	40.8	52.3	22.3	5.39	6.65	2.05B	6
7	4.80B	3.20B	2.50B	2.20B	7.56	21.4	32.1	57.8	29.3	9.19	6.34	2.02B	7
8	4.70B	3.15B	2.50B	2.20B	8.55	19.2	25.5	61.5	38.7	6.92	5.87	2.00B	8
9	4.65B	3.05B	2.50B	2.20B	10.5	18.9	23.7	60.3	40.0	5.91	5.53	1.97B	9
10	4.60B	3.00B	2.53B	2.20B	11.7	19.1	24.2	64.7	27.7	5.24	5.23	1.94B	10
11	4.55B	2.95B	2.55B	2.20B	11.9	19.3	28.4	69.8	26.7	4.62	5.32	1.92B	11
12	4.50B	2.85B	2.60B	2.20B	12.5	18.4	33.4	72.9	21.0	4.45	9.42	1.91B	12
13	4.45B	2.80B	2.63B	2.25B	13.8	18.8	35.6	61.3	16.6	4.32	6.50	1.90B	13
14	4.42B	2.80B	2.66B	2.30B	14.7	20.9	40.0	56.9	16.7	4.27	5.85	1.89B	14
15	4.35B	2.80B	2.71B	2.35B	15.3	21.8	42.9	59.1	23.5	4.71	5.56	1.89B	15
16	4.30B	2.90B	2.75B	2.45B	15.7	22.8	46.6	54.6	34.4	6.46	5.37	1.90B	16
17	4.25B	2.95B	2.75B	2.55B	18.7	18.6	53.2	56.9	39.5	5.37	4.49	1.91B	17
18	4.15B	3.00B	2.75B	2.65B	19.0	16.1	56.3	51.3	40.5	4.98	4.20B	1.91B	18
19	4.10B	3.05B	2.70B	2.75B	22.1	15.3	53.8	51.0	35.5	5.07	3.90B	1.92B	19
20	4.10B	3.05B	2.65B	2.90B	26.3	17.8	55.1	43.2	18.6	3.94	3.60B	2.02B	20
21	4.10B	3.05B	2.55B	3.10B	31.0	15.4	53.9	39.8	13.9	3.77	3.35B	2.14B	21
22	4.15B	3.00B	2.45B	3.45B	34.0	14.5	52.6	40.6	11.3	3.77	3.18B	2.30B	22
23	4.20B	2.95B	2.45B	4.00B	32.2	15.1	51.3	44.7	10.2	3.71	3.00B	2.33B	23
24	4.20B	2.90B	2.45B	6.00B	34.5	15.8	55.2	48.7	8.66	3.74	2.82B	2.28B	24
25	4.25B	2.85B	2.48B	5.70B	37.2	18.4	47.6	56.2	7.47	4.53	2.75B	2.20B	25
26	4.25B	2.75B	2.50B	5.50B	40.7	22.5	49.8	51.4	6.88	4.73	2.68B	2.15B	26
27	4.25B	2.70B	2.50B	5.50B	31.8	21.2	55.5	41.5	6.41	5.17	2.60B	2.10B	27
28	4.20B	2.65B	2.47B	5.60B	24.9	20.2	62.4	31.3	6.98	8.80	2.51B	2.04B	28
29	4.15B		2.43B	5.95B	26.0	22.5	54.5	34.0	7.59	6.20	2.42B	2.00B	29
30	4.05B		2.38B	6.90B	32.7	28.8	49.3	26.7	6.43	4.82	2.35B	1.98B	30
31	3.95B		2.34B		34.0		46.5	23.0		8.58		1.95B	31
TOTAL	138.42	85.80	78.96	98.75	623.51	652.1	1 377.8	1 528.2	636.42	175.79	182.95	63.59	TOTAL
MEAN	4.47	3.06	2.55	3.29	20.1	21.7	44.4	49.3	21.2	5.67	6.10	2.05	MEAN
MAX	5.40	3.80	2.75	6.90	40.7	35.7	62.4	72.9	40.5	10.8	25.2	2.33	MAX
MIN	3.95	2.65	2.34	2.20	7.56	14.5	23.7	23.0	6.41	3.71	2.35	1.89	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.5
MAXIMUM DAILY, 72.9 ON AUG 12
MINIMUM DAILY, 1.89B ON DEC 14
MAXIMUM INSTANTANEOUS,
81.8 AT 23:40 PST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 43 41 N
LONG 119 24 30 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 000	JUL	119 000
FEB	7 410	AUG	132 000
MAR	6 820	SEP	55 000
APR	8 530	OCT	15 200
MAY	53 900	NOV	15 800
JUN	56 300	DEC	5 490

TOTAL DISCHARGE, 487 000 dam³

CANYON CREEK NEAR SMITHERS - STATION NO. 08EE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.569B	0.470B	0.272B	0.589B	4.56E	11.5	5.53	0.453	0.382	0.631	0.844	0.289B	1
2	0.566B	0.447B	0.269B	0.572B	4.97	9.57	5.35 E	0.425	0.396	0.631	0.787B	0.278B	2
3	0.564B	0.428B	0.269B	0.555B	4.43	9.81	5.14	0.382	0.425	0.606	0.750B	0.266B	3
4	0.561B	0.411B	0.266B	0.538B	4.61	8.74	3.88	0.368	0.382	0.555	0.733B	0.258B	4
5	0.558B	0.396B	0.266B	0.532B	5.18E	7.71	3.55	0.354	0.354	0.530	0.719B	0.252B	5
6	0.555B	0.385B	0.266B	0.524B	5.77	8.28	2.99	0.326	0.382	0.504	0.708B	0.244B	6
7	0.549B	0.377B	0.266B	0.515B	6.40	6.95	2.42	0.311	0.340	0.682	0.705B	0.235B	7
8	0.547B	0.368B	0.269B	0.510B	8.05	5.62	2.16	0.292	0.302	1.03	0.702B	0.229B	8
9	0.544B	0.360B	0.294B	0.510B	8.18E	5.62	1.98	0.272	0.326	1.79	0.702B	0.227B	9
10	0.541B	0.351B	0.362B	0.510B	8.30	5.72	1.73	0.262	0.340	1.50	0.765B	0.221B	10
11	0.535B	0.345B	0.357B	0.513B	6.17	9.33	2.10	0.242	0.326	1.22	1.03	0.215B	11
12	0.532B	0.340B	0.351B	0.521B	6.85	13.9	2.35	0.242	0.340	1.03	1.39	0.212B	12
13	0.518B	0.334B	0.345B	0.547	9.68E	13.3	2.42	0.232	0.311	0.980	1.33	0.210B	13
14	0.507B	0.328B	0.340B	0.671	12.5	10.4	2.49	0.222	0.326	1.16	1.39	0.204B	14
15	0.498B	0.323B	0.334B	0.765	15.1	9.49E	1.98	0.262	0.425	1.56	1.16	0.201B	15
16	0.496B	0.320B	0.328B	1.27	15.3	8.51	1.79	0.292	0.354	1.91	1.07	0.197B	16
17	0.493B	0.314B	0.326B	1.40	14.2	7.90E	1.56	0.242	0.340	1.79	0.889	0.194B	17
18	0.481B	0.311B	0.323B	1.36	12.8	7.28	1.56	0.202	0.340	1.91	0.934	0.191B	18
19	0.484B	0.306B	0.320B	1.45	11.9	7.28	1.56	0.193	0.382	1.73	0.844	0.188B	19
20	0.501B	0.303B	0.317B	1.69	14.5	7.39	1.44	0.183	0.368	1.39	0.844	0.187B	20
21	0.530B	0.297B	0.317B	1.91	14.9	7.49	1.16	0.193	0.368	1.22	0.799	0.184B	21
22	0.564B	0.294B	0.320B	2.50	14.5	6.54	0.980	0.183	0.411	1.16	0.753	0.183B	22
23	0.569B	0.289B	0.328B	2.89	15.3 E	6.33	0.799	0.173	0.453	1.12	0.479	0.181B	23
24	0.561B	0.286B	0.343B	3.69	16.1	5.82	0.753	0.272	0.396	1.44	0.430B	0.178B	24
25	0.555B	0.283B	0.368B	3.62 E	22.0	5.33	0.682	0.799	0.354	1.50	0.399B	0.176B	25
26	0.549B	0.280B	0.394B	3.53	21.4	5.24	0.753	0.980	0.354	1.33	0.371B	0.173B	26
27	0.541B	0.278B	0.436B	2.89	16.2	5.14	0.631	0.555	0.340	1.33	0.354B	0.171B	27
28	0.532B	0.275B	0.479B	3.10	13.9	5.24	0.595E	0.425	0.354	1.22	0.334B	0.170B	28
29	0.530B		0.510B	3.45	13.8	5.53	0.561E	0.411	0.382	1.12	0.317B	0.168B	29
30	0.515B		0.538B	4.17	15.9	4.76	0.524E	0.368	0.453	1.07	0.300B	0.167B	30
31	0.487B		0.561B		14.2		0.490E	0.340		1.03		0.164B	31
TOTAL	16.527	9.499	10.734	47.292	357.65	231.72	61.908	10.376	11.006	36.679	22.832	6.413	TOTAL
MEAN	0.533	0.339	0.346	1.58	11.5	7.72	2.00	0.335	0.367	1.18	0.761	0.207	MEAN
MAX	0.569	0.470	0.561	4.17	22.0	13.9	5.53	0.980	0.453	1.91	1.39	0.289	MAX
MIN	0.481	0.275	0.266	0.510	4.43	4.76	0.490	0.173	0.302	0.504	0.300	0.164	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 22.0 ON MAY 25
MINIMUM DAILY, 0.164B ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 48 26 N
LONG 127 07 49 W
DRAINAGE AREA, 256 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 430	JUL	5 350
FEB	821	AUG	896
MAR	927	SEP	951
APR	4 090	OCT	3 170
MAY	30 900	NOV	1 970
JUN	20 000	DEC	554

TOTAL DISCHARGE, 71 100 dam³

CAPILANO RIVER ABOVE INTAKE - STATION NO. 08GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.2	6.59	7.25	21.6	31.1	13.1	14.3	1.81	33.0	124	86.5	17.7	1
2	12.9	5.87	6.75	14.5	20.7	13.3	11.4	1.70	10.4	43.3	31.9	24.9	2
3	10.4	5.45	9.17	13.9	26.8	34.5	11.3	1.63	7.12	29.1	19.7	12.9	3
4	9.01	5.14	8.19	12.5	28.6	26.1	11.5	1.57	6.24	17.3	13.9	37.1	4
5	7.95	4.77	6.83	43.5	16.4	64.1	9.66	1.48	5.74	32.5	9.94	130	5
6	7.41	4.62	5.94	17.5	12.3	38.6	7.74	1.39	5.23	138	7.93	32.7	6
7	6.77	4.45	6.54	11.1	12.0	20.8	6.80	1.37	4.91	113	6.96	33.2	7
8	6.19	4.34	8.07	20.7	12.4	14.3	6.32	1.35	4.71	127	6.25	20.2	8
9	9.15	4.09	6.99	14.7	16.5	17.4	5.76	1.32	4.65	46.6	5.65	75.4	9
10	7.85	3.47	6.47	15.2	15.8	28.1	6.38	1.29	4.55	21.4	5.49	59.9	10
11	6.26	3.19	6.68	23.5	17.4	21.5	6.04	1.26	4.42	13.2	108	27.2	11
12	5.49	3.43	6.79	11.7	15.3	14.2	5.76	1.21	4.20	9.75	50.0	16.9	12
13	4.82	35.2	6.75	9.35	18.3	19.1	5.65	1.20	4.07	7.69	35.3	13.3	13
14	4.43	86.0	6.30	8.92	20.5	14.5	5.31	1.16	4.00	6.42	90.6	14.2	14
15	4.23	91.4	7.44	11.8	19.0	14.6	5.03	1.13	3.90	5.74	58.4	11.8	15
16	3.92	120	9.45	16.9	13.8	20.8	4.95	1.10	3.82	5.26	34.7	10.1	16
17	4.53	70.3	6.82	13.8	13.0	15.1	4.70	1.08	3.81	4.86	26.8	8.94	17
18	24.7	66.0	5.83	14.2	16.2	29.9	4.60	1.06	3.85	4.21	30.2	25.1	18
19	20.9	82.1	5.18	19.0	22.9	36.8	4.51	1.01	3.88	3.81	24.9	92.1	19
20	14.3	32.4	4.94	21.8	20.5	23.4	4.31	1.65	4.54	3.55	55.2	31.8	20
21	41.4	25.7	4.91	21.1	20.0	20.3	3.91	1.37	48.4	3.22	96.9	18.1	21
22	46.7	18.6	5.95	96.4	15.0	39.7	3.43	1.16	49.1	2.99	53.8	12.9	22
23	23.0	16.8	10.3	97.2	14.3	32.5	3.07	1.09	23.2	2.72	38.9	10.4	23
24	14.3	16.9	8.56	60.7	38.1	20.7	2.86	1.03	13.7	2.51	22.8	9.45	24
25	10.5	13.8	32.2	27.2	57.8	16.3	2.73	1.27	10.5	2.44	17.3	7.89	25
26	11.0	11.1	15.4	16.8	29.0	14.1	2.56	1.75	8.35	2.92	14.4	7.06	26
27	10.1	9.24	10.0	20.1	18.2	11.7	2.43	4.21	44.3	94.3	11.2	6.30	27
28	10.8	7.95	11.5	44.3	17.0	9.81	2.31	4.07	79.4	96.6	9.32	5.76	28
29	10.1		31.6	34.6	21.8	18.3	2.13	4.04	30.1	45.7	8.73	5.47	29
30	8.46		25.2	40.3	25.8	17.3	2.18	3.98	47.0	48.4	9.26	4.99	30
31	7.35		57.9		16.2		1.95	9.40		336		4.79	31
TOTAL	383.12	758.90	351.90	794.87	642.7	680.91	171.58	60.14	481.09	1 390.49	990.93	788.55	TOTAL
MEAN	12.4	27.1	11.4	26.5	20.7	22.7	5.53	1.94	16.0	44.9	33.0	25.4	MEAN
MAX	46.7	120	57.9	97.2	57.8	64.1	14.3	9.40	79.4	336	108	130	MAX
MIN	3.92	3.19	4.91	8.92	12.0	9.81	1.95	1.01	3.81	2.44	5.49	4.79	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 336 ON OCT 31
MINIMUM DAILY, 1.01 ON AUG 19
MAXIMUM INSTANTANEOUS,
471 AT 09:12 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 45 N
LONG 123 08 40 W
DRAINAGE AREA, 172 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 100	JUL	14 800
FEB	65 600	AUG	5 200
MAR	30 400	SEP	41 600
APR	68 700	OCT	120 000
MAY	55 500	NOV	85 600
JUN	58 800	DEC	68 100

TOTAL DISCHARGE, 647 000 dam³

CARIBOO RIVER BELOW KANGAROO CREEK - STATION NO. 08KH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.0E	57.0E	33.2	32.7	185	383	165	143	75.1	43.7	71.4	45.8	1
2	79.0E	50.0E	32.8	32.8	120	371	169	136	77.4	44.4	97.9	44.6	2
3	77.0E	47.0E	33.0	33.0	125	356	169	129	83.4	44.2	113	42.8	3
4	73.0E	46.0E	32.6	32.1	123	352	179	124	85.5	43.8	119	38.7	4
5	67.0A	44.0E	31.4	31.8	123	339	191	118	82.6	43.1	114	39.5	5
6	69.3	42.0E	30.3	31.3	128	326	192	114	78.8	41.4	106	42.3	6
7	66.7	40.0E	29.8	30.6	130	307	191	111	74.1	53.4	99.8	40.6	7
8	64.0	39.5E	29.5	30.3	131	279	185	110	71.4	56.1	92.7	37.7	8
9	61.7	42.0E	29.5	30.1	135	253	171	110	71.5	53.5	87.4	36.5	9
10	59.1	44.0E	29.0	30.1	140	235	155	110	74.8	49.8	82.6	35.2	10
11	56.5	40.7A	28.7	29.7	138	219	141	110	76.9	47.3	78.5	35.0	11
12	52.8	47.7	28.3	29.1	137	209	134	111	74.9	44.9	84.7	34.6	12
13	52.3	43.5	28.0	29.0	144	195	131	112	72.4	42.7	89.8	33.5	13
14	50.7	38.2	28.1	28.5	158	187	132	110	68.5	41.0	88.5	31.5	14
15	47.9	39.7	28.0	28.5	171	185	139	107	64.7	39.7	88.6	32.1	15
16	48.7	40.8	29.0	28.6	182	189	145	104	61.7	39.9	88.2	30.3	16
17	52.1	41.1	29.3	29.2	199	194	147	99.5	60.1	41.5	84.2	30.7	17
18	47.1	41.5	29.2	29.7	222	188	148	96.2	61.8	42.0	78.6	29.4	18
19	44.3	41.7	28.8	31.1	239	181	152	93.6	66.2	42.1	74.9	31.7	19
20	46.8	41.9	28.6	34.3	260	180	158	90.8	72.6	40.7	71.6	33.2	20
21	48.6	42.1	28.1	37.8	286	179	160	89.7	74.5	39.4	68.1	32.7	21
22	59.0	40.7	28.0	41.0	317	175	159	87.2	70.9	37.6	65.6	31.8	22
23	77.2	39.5	27.9	47.8	335	175	155	85.2	65.6	37.1	62.5	31.1	23
24	82.9	37.9	27.6	71.4	350	173	151	83.7	61.4	37.3	60.1	31.1	24
25	81.4	36.2	28.0	85.5	377	167	147	82.6	57.1	39.4	56.8	30.8	25
26	77.6	35.5	28.5	87.2	436	163	143	83.5	52.5	41.7	54.3	30.6	26
27	73.4	34.8	28.6	84.8	437	160	139	85.3	48.5	42.7	51.0	30.1	27
28	69.7	34.5	29.6	83.2	416	159	140	86.5	45.7	44.3	48.8	29.0B	28
29	66.3		30.8	83.6	377	156	151	84.4	44.5	48.3	48.4	28.2B	29
30	63.3A		31.8	86.1	361	158	153	80.6	44.1	51.8	47.3	28.0B	30
31	60.0E		32.2		382		150	76.1		53.2		27.2B	31
TOTAL	1 955.4	1 169.5	918.2	1 320.9	7 184	6 793	4 842	3 163.9	2 019.2	1 368.0	2 374.3	1 056.5	TOTAL
MEAN	63.1	41.8	29.6	44.0	232	226	156	102	67.3	44.1	79.1	34.1	MEAN
MAX	82.9	57.0	33.2	87.2	437	383	192	143	85.5	56.1	119	45.8	MAX
MIN	44.3	34.5	27.6	28.5	105	156	131	76.1	44.1	37.1	47.3	27.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.6
MAXIMUM DAILY, 437 ON MAY 27
MINIMUM DAILY, 27.2B ON DEC 31
MAXIMUM INSTANTANEOUS,
444 AT 22:23 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 00 N
LONG 121 40 17 W
DRAINAGE AREA, 3 260 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	169 000	JUL	418 000
FEB	101 000	AUG	273 000
MAR	79 300	SEP	174 000
APR	114 000	OCT	118 000
MAY	621 000	NOV	205 000
JUN	587 000	DEC	91 300

TOTAL DISCHARGE, 2 950 000 dam³

CARNATION CREEK AT 150 m CONTOUR - STATION NO. 08NB069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.203	0.058	0.086	0.312	0.217	0.051	0.087	0.020	0.280	1.55	0.633	1.06	1
2	0.144	0.046	0.076	0.332	0.521	0.051	0.076	0.018	0.069	0.269	0.242	0.796	2
3	0.109	0.040	0.172	0.261	0.594	0.151	0.065	0.018	0.041	0.198	0.363	0.239	3
4	0.092	0.034	0.113	0.226	0.284	0.167	0.059	0.017	0.030	0.134	0.224	1.45	4
5	0.075	0.028	0.080	0.773	0.208	0.751	0.054	0.016	0.024	0.631	0.134	2.10	5
6	0.062	0.023	0.066	0.246	0.163	0.499	0.050	0.015	0.018	0.835	0.094	0.378	6
7	0.056	0.021	0.087	0.159	0.155	0.276	0.046	0.016	0.015	1.54	0.072	0.273	7
8	0.064	0.016	0.138	0.458	0.136	0.159	0.043	0.015	0.015	0.912	0.055	0.192	8
9	0.523	0.012	0.093	0.269	0.113	0.142	0.042	0.013	0.021	0.374	0.043	1.26	9
10	0.188	0.006	0.072	0.291	0.095	0.280	0.054	0.012	0.026	0.199	0.071	0.876	10
11	0.117	0.004	0.063	0.276	0.083	0.237	0.058	0.009	0.018	0.135	2.29	0.297	11
12	0.087	0.024	0.054	0.207	0.073	0.141	0.044	0.009	0.015	0.100	0.494	0.177	12
13	0.071	0.320	0.047	0.207	0.066	0.107	0.039	0.007	0.012	0.084	0.435	0.147	13
14	0.058	1.01	0.049	0.204	0.062	0.094	0.037	0.007	0.009	0.072	1.14	0.220	14
15	0.046	2.06	0.078	0.503	0.058	0.097	0.035	0.007	0.009	0.065	0.878	0.207	15
16	0.043	1.62	0.064	0.631	0.052	0.132	0.032	0.007	0.009	0.060	0.450	0.146	16
17	0.070	1.56	0.046	0.291	0.048	0.214	0.030	0.006	0.008	0.055	0.245	0.110	17
18	0.584	1.03	0.038	0.209	0.057	0.744	0.039	0.005	0.113	0.051	0.228	0.320	18
19	0.396	1.13	0.033	0.189	0.088	0.469	0.037	0.005	0.087	0.049	0.359	1.37	19
20	0.655	0.404	0.029	0.191	0.061	0.394	0.033	0.004	0.127	0.045	1.17	0.324	20
21	1.05	0.665	0.029	0.251	0.057	0.272	0.033	0.005	1.83	0.038	1.11	0.174	21
22	0.561	0.275	0.064	1.99	0.052	0.329	0.032	0.005	0.395	0.035	0.890	0.123	22
23	0.236	0.257	0.146	1.07	0.049	0.606	0.031	0.004	0.181	0.033	0.649	0.134	23
24	0.148	0.238	0.083	0.561	0.109	0.229	0.029	0.003	0.138	0.031	0.328	0.214	24
25	0.109	0.233	0.266	0.245	0.193	0.150	0.028	0.004	0.130	0.031	0.289	0.151	25
26	0.164	0.205	0.145	0.159	0.117	0.113	0.025	0.005	0.089	0.051	0.250	0.155	26
27	0.159	0.139	0.092	0.551	0.087	0.096	0.022	0.007	0.171	1.26	0.156	0.117	27
28	0.119	0.111	0.134	0.995	0.072	0.084	0.022	0.010	0.389	0.711	0.112	0.093	28
29	0.095		0.277	0.315	0.065	0.105	0.022	0.008	0.180	0.415	0.102	0.078	29
30	0.078		0.409	0.214	0.059	0.102	0.022	0.008	0.471	1.88	0.531	0.062	30
31	0.067		0.969		0.054		0.021	0.149		3.29		0.059	31
TOTAL	6.429	11.569	4.098	12.586	4.048	7.242	1.247	0.434	4.920	15.129	14.037	13.302	TOTAL
MEAN	0.207	0.413	0.132	0.420	0.131	0.241	0.040	0.014	0.164	0.488	0.468	0.429	MEAN
MAX	1.05	2.06	0.969	1.99	0.594	0.751	0.087	0.149	1.83	3.29	2.29	2.10	MAX
MIN	0.043	0.004	0.029	0.159	0.048	0.051	0.021	0.003	0.008	0.031	0.043	0.059	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.260
MAXIMUM DAILY, 3.29 ON OCT 31
MINIMUM DAILY, 0.003 ON AUG 24
MAXIMUM INSTANTANEOUS,
5.15 AT 11:53 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 44 N
LONG 124 56 28 W
DRAINAGE AREA, 2.53 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	555	JUL	108
FEB	1 000	AUG	37.5
MAR	354	SEP	425
APR	1 090	OCT	1 310
MAY	350	NOV	1 210
JUN	626	DEC	1 150

TOTAL DISCHARGE, 8 220 dam³

CARNATION CREEK AT THE MOUTH - STATION NO. 08NB048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.630	0.211	0.270	1.11 A	0.644	0.143A	0.216	0.080	1.10	4.86	2.27	3.85	1
2	0.438	0.188	0.231	1.46 A	1.84	0.140A	0.184	0.076	0.278	0.888	0.761	3.12	2
3	0.332	0.170	0.448	0.806	2.11	0.217A	0.161	0.076	0.147	0.606	0.877	0.780	3
4	0.274	0.158	0.344	0.633	1.03	0.324A	0.146	0.075	0.122	0.416	0.598	4.51	4
5	0.234	0.150	0.251	3.18	0.669	0.750A	0.134	0.074	0.107	1.76	0.377	6.93	5
6	0.212	0.142	0.208	0.827	0.473	1.57 A	0.127	0.071	0.095	2.63	0.283	1.29	6
7	0.188	0.136	0.227	0.484	0.418	0.830A	0.122	0.071	0.089	4.07	0.231	0.885	7
8	0.166A	0.130	0.312	1.28	0.370	0.428A	0.118	0.071	0.086	2.95	0.195	0.625	8
9	1.12 A	0.124	0.247	0.882	0.307	0.333A	0.114	0.067	0.087	1.36	0.169	3.90	9
10	0.431A	0.117	0.200	1.91	0.253	0.593A	0.122	0.064	0.100	0.627	0.188	3.39	10
11	0.291	0.116	0.200	1.82	0.218	0.567A	0.134	0.063	0.095	0.403	7.68	1.15	11
12	0.236	0.128	0.180	1.04	0.190	0.387	0.120	0.063	0.088	0.288	1.74	0.560	12
13	0.200	0.795	0.157	0.777	0.171	0.268	0.112	0.063	0.082	0.227	1.84	0.437	13
14	0.171	3.25	0.162	0.567	0.159	0.228	0.107	0.063	0.077	0.189	3.91	0.649	14
15	0.160	7.93	0.307	0.991	0.151	0.220	0.105	0.063	0.076	0.164	3.08	0.720	15
16	0.148	5.18	0.284	1.73	0.143	0.314	0.103	0.063	0.074	0.152	1.52	0.487	16
17	0.133	3.05 A	0.200	0.789	0.138	0.583	0.100	0.063	0.076	0.143	0.778	0.358	17
18	0.777A	3.78 A	0.165	0.500	0.144	2.12	0.103	0.063	0.262	0.134	0.683	0.659	18
19	0.760A	5.33 A	0.145	0.421	0.232	1.60	0.108	0.062	0.355	0.130	1.57	4.92	19
20	0.777A	1.15	0.138	0.387	0.180	0.963	0.104	0.063	0.305	0.127	3.40	1.15	20
21	4.30 A	1.95	0.135	0.566	0.151	0.702	0.101	0.062	5.97	0.122	3.95	0.540	21
22	2.07	0.826	0.202	7.12	0.137	0.729	0.099	0.062	1.44	0.117	2.90	0.390	22
23	0.781	0.802	0.454	3.95	0.132	1.46	0.095	0.057	0.598	0.114	2.43	0.395	23
24	0.459	0.781	0.312	2.12	0.231	0.609	0.093	0.058	0.364	0.111	1.10	0.699	24
25	0.354	0.758	1.12	0.770	0.580	0.383	0.092	0.059	0.313	0.110	0.831	0.513	25
26	0.499	0.671	0.537	0.466	0.371	0.278	0.092	0.061	0.223	0.125	0.778	0.686	26
27	0.537	0.433	0.335	1.65	0.248	0.226	0.089	0.062	0.322	3.26	0.461	0.473	27
28	0.424	0.339	0.333	3.50	0.198A	0.202	0.085	0.063	1.15	2.83	0.334	0.352	28
29	0.345		0.905	1.09	0.174A	0.247	0.084	0.065	0.508	1.33	0.332	0.298	29
30	0.280		1.02	0.633	0.154A	0.249	0.082	0.065	0.987	6.38	1.31	0.256	30
31	0.238		3.18 A		0.143A		0.081	0.331		11.0		0.245	31
TOTAL	17.965	38.755	13.209	43.459	12.359	17.663	3.533	2.299	15.576	47.623	46.576	45.217	TOTAL
MEAN	0.580	1.38	0.426	1.45	0.399	0.589	0.114	0.074	0.519	1.54	1.55	1.46	MEAN
MAX	4.30	7.93	3.18	7.12	2.11	2.12	0.216	0.331	5.97	11.0	7.68	6.93	MAX
MIN	0.133	0.116	0.135	0.387	0.132	0.140	0.081	0.057	0.074	0.110	0.169	0.245	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.834
MAXIMUM DAILY, 11.0 ON OCT 31
MINIMUM DAILY, 0.057 ON AUG 23
MAXIMUM INSTANTANEOUS,
20.9 AT 18:24 PST ON OCT 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 56 N
LONG 124 59 52 W
DRAINAGE AREA, 10.1 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 550	JUL	305
FEB	3 350	AUG	199
MAR	1 140	SEP	1 350
APR	3 750	OCT	4 110
MAY	1 070	NOV	4 020
JUN	1 530	DEC	3 910

TOTAL DISCHARGE, 26 300 dam³

CARNEY CREEK BELOW PANBRUN CREEK - STATION NO. 08NH131

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28	0.767	0.663	0.762	7.45	14.6	23.0	12.6	6.40	1.93	1.34	0.899	1
2	1.25 B	0.827	0.631	0.742	6.80	14.9	16.3	12.2	5.86	3.40	1.38	0.880	2
3	1.18 B	0.813	0.623	0.748	4.73	16.4	18.0	12.6	4.42	2.22	1.36	0.789	3
4	1.13 B	0.790	0.634	0.722	4.13	15.2	27.4	13.0	4.08	1.92	1.31	0.799	4
5	1.10 B	0.793	0.643	0.725	3.82	12.5	31.4	11.6	3.82	1.74	1.23	0.875	5
6	1.08 B	0.804	0.629	0.731	3.45	13.5	28.3	12.5	3.34	1.77	1.21	0.907	6
7	1.06 B	0.895	0.668	0.716	3.23	12.2	23.0	13.8	3.54	2.08	1.19	0.876	7
8	1.04 B	0.906	0.637	0.708	3.09	10.2	15.4	14.8	4.11	2.33	1.20	0.886	8
9	1.03 B	0.770	0.614	0.702	3.06	9.34	11.7	14.4	4.98	2.14	1.13	0.912	9
10	0.997	0.646	0.626	0.699	3.03	8.81	10.3	13.5	5.13	1.92	1.10	0.909	10
11	1.03	0.634	0.638	0.697	3.28	8.30	10.7	13.3	4.39	1.80	1.11	0.844	11
12	1.04	0.688	0.637	0.688	3.37	7.82	12.5	13.3	4.22	1.70	1.20	0.809	12
13	1.01	0.759	0.651	0.685	3.62	8.04	18.4	13.9	3.74	1.64	1.15	0.929B	13
14	0.983	0.719	0.680	0.694	4.39	7.82	18.4	13.0	3.28	1.64	1.10	0.881B	14
15	1.04	0.750	0.708	0.739	7.79	9.06	14.9	12.1	3.31	1.61	1.10	0.861B	15
16	1.02 B	0.733	0.725	0.892	7.53	11.4	16.3	12.0	3.77	1.62	1.08	0.798	16
17	0.892B	0.782	0.705	0.835	6.94	9.94	17.3	10.9	4.25	1.55	1.05	0.793	17
18	0.892B	0.779	0.694	0.929	8.24	8.38	18.8	10.1	4.56	1.51	1.06	0.781	18
19	0.903B	0.776	0.699	1.06	12.4	7.76	18.0	10.5	6.46	1.55	1.02	0.776B	19
20	0.900	0.750	0.705	1.22	15.9	8.13	16.4	14.8	4.79	1.39	1.03	0.762	20
21	0.881	0.728	0.711	1.29	18.0	7.87	15.9	10.8	3.54	1.24	1.02	0.721	21
22	0.858	0.731	0.722	1.26	18.3	7.42	16.1	8.38	3.06	1.19	1.01	0.712	22
23	0.838	0.722	0.716	1.55	19.3	7.42	15.7	7.93	2.67	1.23	0.987	0.705B	23
24	0.833	0.716	0.716	3.79	23.1	7.28	17.3	8.47	2.36	1.23	0.887	0.712	24
25	0.801	0.705	0.725	3.06	26.9	8.95	20.3	9.54	2.08	1.28	0.839	0.697	25
26	0.821	0.682	0.728	2.41	28.1	13.0	15.1	9.51	1.90	1.58	0.827	0.691B	26
27	0.875	0.663	0.725	2.19	21.4	14.4	16.4	8.30	1.80	1.55	0.811	0.671B	27
28	0.830	0.643	0.728	2.13	18.0	12.1	22.5	6.54	1.81	1.61	0.846	0.660B	28
29	0.844		0.742	2.17	17.8	11.9	20.0	6.00	1.80	1.54	0.912	0.646B	29
30	0.804		0.759	2.76	18.6	17.0	18.7	5.66	1.72	1.41	0.931	0.629B	30
31	0.790		0.756		18.5		14.2	4.70		1.37		0.614	31
TOTAL	30.032	20.971	21.234	38.304	344.25	321.64	558.7	340.73	111.19	52.69	32.420	24.424	TOTAL
MEAN	0.969	0.749	0.685	1.28	11.1	10.7	18.0	11.0	3.71	1.70	1.08	0.788	MEAN
MAX	1.28	0.906	0.759	3.79	28.1	17.0	31.4	14.8	6.46	3.40	1.38	0.929	MAX
MIN	0.790	0.634	0.614	0.685	3.03	7.28	10.3	4.70	1.72	1.19	0.811	0.614	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.20
MAXIMUM DAILY, 31.4 ON JUL 5
MINIMUM DAILY, 0.614 ON MAR 9
MAXIMUM INSTANTANEOUS,
35.4 AT 19:45 PST ON JUL 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 30 N
LONG 116 38 31 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 590	JUL	48 300
FEB	1 810	AUG	29 400
MAR	1 830	SEP	9 610
APR	3 310	OCT	4 550
MAY	29 700	NOV	2 800
JUN	27 800	DEC	2 110

TOTAL DISCHARGE, 164 000 dam³

CAVEN CREEK BELOW BLOOM CREEK - STATION NO. 08NG078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.12 B	0.957B	0.957B	1.72	13.0	7.82	5.30	1.96	1.44	1.14	0.940	0.702B	1
2	2.04 B	0.934B	0.943B	1.60	12.6	7.08	4.90	1.89	1.63	1.29	0.938	0.705B	2
3	1.98 B	0.898B	0.934B	1.51	9.68	6.71	4.59	1.85	1.36	1.22	0.909	0.685B	3
4	1.90 B	0.835B	0.915	1.42	8.38	6.54	4.22	1.87	1.32	1.14	0.917	0.699B	4
5	1.84 B	0.765B	0.946	1.51	7.39	6.09	4.02	1.78	1.34	1.11	0.893	0.736B	5
6	1.78 B	0.793B	0.915	1.49	6.63	6.40	3.91	1.70	1.29	1.08	0.835B	0.787B	6
7	1.73 B	0.821B	0.971	1.42	6.09	5.83	4.02	1.65	1.23	1.10	0.835B	0.762B	7
8	1.67 B	0.779B	0.898	1.44	5.75	5.80	3.77	1.61	1.18	1.10	0.896	0.742B	8
9	1.59 B	0.694B	0.889	1.46	5.75	6.09	3.54	1.59	1.14	1.14	0.902	0.753B	9
10	1.50 B	0.651B	0.895	1.43	6.03	5.83	3.77	1.55	1.10	1.15	0.905	0.779B	10
11	1.39 B	0.694B	0.898	1.41	6.57	5.89	3.45	1.53	1.07	1.12	0.916	0.756B	11
12	1.27 B	0.801B	0.940	1.43	6.20	5.64	3.23	1.51	1.03	1.12	0.940	0.665B	12
13	1.16 B	0.906B	0.983	1.39	6.09	9.23	3.20	1.49	1.04	1.07	0.989	0.660B	13
14	1.08 B	1.03 B	1.04	1.31	6.34	10.4	3.26	1.99	1.02	1.05	1.04	0.750B	14
15	0.991B	1.16 B	1.13	1.48	11.4	10.1	3.14	2.17	1.01	1.05	1.04	0.807B	15
16	0.949B	1.42 B	1.27	1.91	12.1	9.74	3.20	1.70	1.01	1.04	1.01	0.779B	16
17	0.949B	1.54 B	1.30	1.99	11.0	9.88	2.81	1.62	0.987	1.05	1.05	0.708B	17
18	0.991B	1.49 B	1.25	2.25	10.3	9.57	2.72	1.55	0.979	1.02	1.02	0.680B	18
19	1.19 B	1.57 B	1.18	2.59	10.8	9.57	2.54	1.48	0.971	1.01	0.990	0.708B	19
20	1.18 B	1.67 B	1.19	3.06	11.1	10.4	2.50	1.46	0.995	0.985	0.972	0.728B	20
21	1.13 B	1.36 B	1.19	4.25	11.4	10.6	2.49	1.46	1.06	0.958	0.962	0.620B	21
22	1.13 B	1.18 B	1.20	4.28	12.5	9.83	2.65	1.43	1.07	0.935	0.989	0.623B	22
23	1.20 B	1.10	1.21	5.75	12.6	10.0	2.68	1.40	1.07	0.945	0.973	0.623B	23
24	1.20 B	1.06	1.21	10.1	13.5	9.43	2.57	1.34	1.06	0.952	0.940	0.674B	24
25	1.15 B	1.04	1.25	8.89	13.1	8.33	2.61	1.29	1.07	0.954	0.750B	0.665B	25
26	1.10 B	1.02 B	1.35	7.67	13.4	7.45	2.49	1.25	1.09	0.948	0.714B	0.637B	26
27	1.06 B	0.991B	1.33	7.14	11.9	7.08	2.30	1.22	1.10	0.960	0.694B	0.623B	27
28	1.04 B	0.977B	1.41	7.28	10.5	6.77	2.25	1.18	1.16	0.977	0.674B	0.589B	28
29	1.02 B		1.54	7.93	9.49	6.14	2.16	1.14	1.20	0.963	0.651B	0.558B	29
30	0.991B		1.66	9.66	8.81	5.64	2.04	1.18	1.22	0.956	0.671B	0.538B	30
31	0.977B		1.67		8.47		2.03	1.22		0.945		0.535B	31
TOTAL	41.298	29.136	35.464	106.77	298.87	235.88	98.36	48.06	34.282	32.478	26.955	21.276	TOTAL
MEAN	1.33	1.04	1.14	3.56	9.64	7.86	3.17	1.55	1.14	1.05	0.899	0.686	MEAN
MAX	2.12	1.67	1.67	10.1	13.5	10.6	5.30	2.17	1.63	1.29	1.05	0.807	MAX
MIN	0.949	0.651	0.889	1.31	5.75	5.64	2.03	1.14	0.971	0.935	0.651	0.535	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.76
MAXIMUM DAILY, 13.5 ON MAY 24
MINIMUM DAILY, 0.535B ON DEC 31
MAXIMUM INSTANTANEOUS,
14.9 AT 01:00 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 18 N
LONG 115 26 11 W
DRAINAGE AREA, 313 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 570	JUL	8 500
FEB	2 520	AUG	4 150
MAR	3 060	SEP	2 960
APR	9 220	OCT	2 810
MAY	25 800	NOV	2 330
JUN	20 400	DEC	1 840

TOTAL DISCHARGE, 87 200 dam³

CAYOOSH CREEK NEAR LILLOOET - STATION NO. 08ME002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.1	11.1	7.15	6.23	22.8	87.9	62.1	39.4	2.29	2.33	7.32	8.89	1
2	19.2	11.0	7.02	6.02	23.3	81.9	65.4	36.8	3.23	2.66	11.4	8.78	2
3	17.3	10.5	6.85	6.29	20.7	72.7	75.8	35.5	3.05	2.88	7.82	8.33	3
4	16.1	10.1	6.72	6.09	19.1	67.4	86.6	33.9	3.04	2.90	4.62	9.04	4
5	15.1	9.80	6.82	6.23	16.6	61.9	81.9	28.7	2.98	2.89	3.10	8.80	5
6	14.2	9.52	6.81	6.22	15.5	59.9	72.9	16.2	2.89	2.81	2.79	8.81	6
7	13.3	9.29	6.78	6.15	17.0	54.8	60.2	5.20	2.76	2.52	2.50	8.49	7
8	13.4	9.09	6.57	6.13	16.7	49.9	50.9	3.69	2.61	1.40 A	2.32	8.10	8
9	14.6	8.63	6.45	5.98	17.1	46.9	41.5	3.61	2.65	1.25 A	2.18	8.35	9
10	13.7	7.55	6.34	5.79	17.9	44.7	38.8	3.72	2.69	1.30 A	2.02	8.68	10
11	13.0	7.78	6.21	5.80	17.1	42.0	37.5	3.65	2.65	1.25 A	2.09	8.40	11
12	12.7	8.35	6.27	5.82	16.6	39.7	39.0	3.39	2.48	1.30 A	3.18	7.70	12
13	12.4	8.34	6.22	5.69	18.0	38.2	45.0	3.08	2.38	1.30 A	3.24	7.13	13
14	11.7	8.65	6.33	5.60	19.1	37.2	60.1	2.81	2.32	1.20 A	3.04	7.74	14
15	11.1	8.47	6.50	5.41	20.8	37.6	63.4	2.66	2.29	1.24 A	2.76	7.61	15
16	10.6	8.55	6.54	7.30	21.3	36.9A	61.7	2.48	2.25	1.70	2.62	7.29	16
17	10.6	8.63	6.36	7.08	22.8	35.5E	63.3	2.37	2.29	1.21	2.40	7.03	17
18	10.6	8.82	6.33	7.03	26.1	34.5A	65.4	2.21	2.33	1.13	2.25	7.00	18
19	11.0	9.60	6.06	7.42	32.5	32.9	71.3	2.07	2.38	1.10	2.15	7.35	19
20	11.6	9.34	6.04	8.15	48.0	33.4	72.1	1.94	2.42	0.994	2.05	7.29	20
21	12.1	8.98	5.94	8.16	61.8	32.6	67.4	1.82	2.34	0.940	1.99	6.98	21
22	14.5	8.61	6.01	8.26	61.2	31.3	66.1	1.65	2.28	0.921	1.90	6.42	22
23	18.5	8.37	6.00	10.3	66.7	30.5	63.4	1.54	2.27	0.937	1.77	6.89	23
24	18.7	8.37	5.88	17.7	77.2	30.5	67.5	1.48	2.26	0.920	1.71	6.82	24
25	17.5	8.02	5.90	19.6	99.3	33.7	63.3	1.40	2.19	0.901	1.19	6.41	25
26	15.8	7.70	5.71	17.9	93.6	42.5	61.7	1.88	2.15	0.911	0.897	6.26	26
27	14.4	7.60	5.84	17.1	80.0	48.0	63.4	2.09	2.14	0.899	5.18	6.09	27
28	14.0	7.37	6.02	16.1	71.8	49.3	61.3	2.02	2.17	0.913	8.85	5.50	28
29	13.6		6.22	15.9	72.5	52.5	55.0	1.97	2.23	1.27	9.18	5.19	29
30	12.8		6.18	17.3	84.8	62.7	47.6	1.94	2.29	1.58	8.82	5.52	30
31	11.8		6.20		95.6		42.8	1.92		2.09		4.89	31
TOTAL	438.0	248.13	196.27	274.75	1 293.5	1 409.5	1 874.4	253.09	74.30	47.646	113.337	227.78	TOTAL
MEAN	14.1	8.86	6.33	9.16	41.7	47.0	60.5	8.16	2.48	1.54	3.78	7.35	MEAN
MAX	22.1	11.1	7.15	19.6	99.3	87.9	86.6	39.4	3.23	2.90	11.4	9.04	MAX
MIN	10.6	7.37	5.71	5.41	15.5	30.5	37.5	1.40	2.14	0.899	0.897	4.89	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.7
MAXIMUM DAILY, 99.3 ON MAY 25
MINIMUM DAILY, 0.897 ON NOV 26
MAXIMUM INSTANTANEOUS,
106 AT 23:05 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 10 N
LONG 121 57 58 W
DRAINAGE AREA, 878 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 800	JUL	162 000
FEB	21 400	AUG	21 900
MAR	17 000	SEP	6 420
APR	23 700	OCT	4 120
MAY	112 000	NOV	9 790
JUN	122 000	DEC	19 700

TOTAL DISCHARGE, 558 000 dam³

CHAPMAN CREEK ABOVE SECHELT DIVERSION - STATION NO. 08GA060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.16	1.31	1.83	4.00	7.57	3.15	2.16	0.642	6.44	19.6	16.9	2.30	1
2	3.07	1.22	1.69	3.05	4.33	3.03	1.72	0.614	1.79	5.63	5.86	3.74	2
3	2.41	1.17	2.47	2.74	6.06	7.27	1.67	0.598	1.05	2.42	4.11	2.36	3
4	2.08	1.15	2.20	2.41	5.41	5.28	1.54	0.595	0.910	1.62	3.21	7.28	4
5	1.92	1.09	1.80	5.41	3.99	17.0	1.35	0.582	0.802	3.44	2.16	39.0	5
6	1.88	1.06	1.56	3.07	3.07	8.43	1.20	0.580	0.704	25.5	1.76	8.52	6
7	1.72	1.04	1.57	2.21	4.40	3.80	1.10	0.559	0.639	22.3	1.46	5.36	7
8	1.54	1.00	1.54	2.61	4.94	2.78	1.06	0.547	0.573	20.8	1.30	3.52	8
9	2.21	0.850B	1.53	2.51	5.11	2.92	1.00	0.534	0.550	8.17	1.19	24.1	9
10	2.05	0.600B	1.54	2.41	4.61	3.95	1.45	0.516	0.554	3.00	1.18	15.3	10
11	1.60	0.650B	1.69	2.72	4.39	4.10	1.45	0.505	0.522	1.88	36.0	5.33	11
12	1.41	1.00 B	1.88	2.23	4.18	2.78	1.18	0.503	0.489	1.38	18.9	3.09	12
13	1.33	6.94	1.88	2.02	5.68	4.11	1.06	0.494	0.468	1.07	9.22	2.44	13
14	1.28	14.4	1.79	2.11	7.66	3.24	1.00	0.494	0.447	0.912	30.9	2.31	14
15	1.21	18.0	3.38	2.77	8.19	3.66	0.948	0.483	0.426	0.814	16.8	1.94	15
16	1.14	26.1	3.93	3.71	4.65	8.24	0.909	0.481	0.406	0.730	11.1	1.65	16
17	1.16	15.4	2.20	3.46	4.31	3.50	0.866	0.473	0.396	0.648	5.09	1.50	17
18	7.76	14.1	1.72	3.65	6.12	11.7	0.845	0.469	0.451	0.576	4.81	9.40	18
19	7.48	25.6	1.50	4.77	8.17	8.62	0.862	0.464	0.777	0.512	5.56	27.1	19
20	5.84	7.61	1.39	5.22	6.53	4.06	0.850	0.454	0.650	0.455	13.8	6.34	20
21	11.0	4.84	1.35	4.89	6.08	3.31	0.829	0.456	15.1	0.420	25.2	3.26	21
22	12.1	3.92	1.79	24.4	4.55	4.88	0.804	0.451	7.44	0.400	11.1	2.29	22
23	4.64	4.23	2.38	22.6	4.31	4.83	0.757	0.453	2.78	0.385	7.27	2.02	23
24	2.69	5.44	2.33	14.4	14.7	3.55	0.728	0.456	2.24	0.380	3.94	2.00	24
25	2.00	3.64	10.2	4.88	21.7	2.68	0.706	0.458	1.45	0.371	3.11	1.76	25
26	1.81	2.78	3.75	3.44	5.97	2.33	0.684	0.448	0.973	0.400	2.65	1.73	26
27	1.61	2.20	2.42	3.84	4.07	1.97	0.670	0.398	9.96	19.5	2.05	1.50	27
28	1.82	1.98	2.27	5.85	4.09	1.70	0.662	0.384	15.3	36.3	1.75	1.33	28
29	1.79		6.11	7.14	5.04	3.42	0.670	0.642	3.39	10.1	1.64	1.36	29
30	1.53		5.04	11.1	5.21	2.69	0.677	0.728	9.21	10.4	1.63	1.20	30
31	1.41		7.77		3.71		0.676	1.21		78.8		1.18	31
TOTAL	95.65	169.320	84.50	165.62	189.80	142.98	32.083	16.671	86.883	278.913	251.65	192.21	TOTAL
MEAN	3.09	6.05	2.73	5.52	6.12	4.77	1.03	0.538	2.90	9.00	8.39	6.20	MEAN
MAX	12.1	26.1	10.2	24.4	21.7	17.0	2.16	1.21	15.3	78.8	36.0	39.0	MAX
MIN	1.14	0.600	1.35	2.02	3.07	1.70	0.662	0.384	0.396	0.371	1.18	1.18	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.67
MAXIMUM DAILY, 78.8 ON OCT 31
MINIMUM DAILY, 0.371 ON OCT 25
MAXIMUM INSTANTANEOUS,
148 AT 10:00 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 56 N
LONG 123 42 39 W
DRAINAGE AREA, 64.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 260	JUL	2 770
FEB	14 600	AUG	1 440
MAR	7 300	SEP	7 510
APR	14 300	OCT	24 100
MAY	16 400	NOV	21 700
JUN	12 400	DEC	16 600

TOTAL DISCHARGE, 147 000 dam³

CHEAKAMUS RIVER NEAR BRACKENDALE - STATION NO. 08GA043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4	15.3	13.9	18.1	21.3	61.9	66.7	27.7	23.3	37.1	427	---	1
2	16.3	15.1	13.6	15.3	17.3	55.6	55.8	17.9	17.5	29.8	146	---	2
3	14.9	14.7	13.9	14.3	15.8	54.5	80.7	17.3	15.6	21.0	107	---	3
4	14.2	14.3	13.7	13.4	15.6	58.8	108	16.8	15.0	17.4	70.7	---	4
5	13.6	13.9	13.6	20.2	14.7	52.4	71.4	16.7	14.2	17.0	57.4	87.1	5
6	13.1	13.7	12.9	17.3	13.9	71.8	68.9	21.7	14.2	42.2	---	---	6
7	12.7	13.5	12.8	14.8	15.1	39.1	52.2	32.2	15.2	53.5	---	---	7
8	12.4	13.2	12.6	14.8	14.7	24.8	37.1	45.2	15.8	54.4	---	---	8
9	13.7	13.0	12.4	15.9	14.5	24.5	33.7	42.3	15.9	56.4	---	---	9
10	13.0	12.5	12.3	15.4	14.1	28.0	17.8	47.2	14.1	24.8	---	---	10
11	12.2	12.6	12.0	16.9	15.1	17.2	31.9	55.6	13.7	20.6	145	---	11
12	11.9	12.7	11.9	15.4	14.7	15.0	22.7	51.5	13.2	18.1	197	---	12
13	11.6	14.7	11.9	14.1	15.0	15.0	37.6	50.3	12.7	16.7	114	---	13
14	12.8	28.4	11.8	13.4	15.7	14.8	25.1	42.2	12.4	15.8	72.4	---	14
15	11.6	34.5	12.1	13.5	15.6	15.7	30.1	47.4	13.4	15.1	107	---	15
16	11.1	43.9	12.4	18.0	14.6	16.5	44.4	47.5	14.5	14.6	60.2	---	16
17	10.9	39.8	11.9	15.9	14.3	15.3	51.3	39.3	15.2	14.0	---	---	17
18	14.0	35.8	11.7	14.5	15.1	17.4	52.8	43.2	15.5	13.6	25.8A	---	18
19	19.3	39.6	11.5	14.1	17.9	21.3	45.8	37.0	15.0	13.1	---	51.0	19
20	18.7	28.5	11.4	14.8	18.4	25.6	48.6	28.7	13.0	12.6	---	---	20
21	32.9	21.4	11.3	13.9	18.8	28.6	42.2	27.8	17.3	11.9	---	---	21
22	60.0	22.7	11.4	21.2	17.4	19.0	38.9	24.0	15.1	11.6	---	---	22
23	73.2	17.8	11.9	40.2	17.0	19.8	44.5	18.7	13.1	11.3	---	---	23
24	38.0	17.4	12.0	35.7	24.3	17.9	51.6	18.7	11.9	11.1	---	---	24
25	22.6	16.3	14.0	20.8	46.3	20.0	49.3	18.3	11.3	11.1	---	---	25
26	18.4	19.0	13.7	17.2	80.5	30.8	50.1	16.8	10.8	11.5	---	---	26
27	17.8	14.9	12.6	16.1	77.9	40.5	60.1	16.5	17.1	44.4	---	---	27
28	17.7	14.4	12.3	17.7A	48.5	30.2	61.5	15.1	33.3	76.5	---	---	28
29	16.9		13.8	17.8	63.6	31.5	45.0	15.8	23.1	34.5	---	---	29
30	16.4		14.8	19.8	98.9	45.5	31.3	15.0	18.8	29.9	---	---	30
31	15.9		23.7		94.9		30.1	15.3		424		---	31
TOTAL	605.2	573.6	401.8	530.5	901.5	924.0	1 467.2	929.7	471.2	1 185.6	---	---	TOTAL
MEAN	19.5	20.5	13.0	17.7	29.1	30.8	47.3	30.0	15.7	38.2	---	---	MEAN
MAX	73.2	43.9	23.7	40.2	98.9	71.8	108	55.6	33.3	424	---	---	MAX
MIN	10.9	12.5	11.3	13.4	13.9	14.8	13.7	15.0	10.8	11.1	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 427 ON NOV 1

MAXIMUM INSTANTANEOUS,
739 AT 17:44 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 58 N
LONG 123 08 54 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE

REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 300	JUL	127 000
FEB	49 600	AUG	80 300
MAR	34 700	SEP	40 700
APR	45 800	OCT	102 000
MAY	77 900	NOV	---
JUN	79 800	DEC	---

CHEHALIS RIVER NEAR HARRISON MILLS - STATION NO. 08MG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.1	17.8	20.8	45.8	88.8	31.1	36.2	11.7	17.0	---	---	---	1
2	43.4	16.0	19.8	36.8	74.5	28.6	30.6	11.2	11.5	---	---	---	2
3	34.8	14.4	19.2	37.9	60.1	28.0	28.6	10.7	9.80	---	---	---	3
4	31.4	14.2	19.2	29.2	42.8	46.5	26.9	10.7	9.29	---	---	---	4
5	28.0	13.9	17.6	163	37.4	48.9	25.5	10.4	9.34	---	---	---	5
6	23.9	12.9	16.1	50.3	31.1	118	23.7	10.4	9.12	---	---	---	6
7	23.2	12.4	14.9	37.9	28.0	62.6	21.4	10.4	8.89	---	---	---	7
8	20.0	12.1	15.1	38.5	25.3	45.1	22.8	10.3	8.75	---	---	---	8
9	25.5	11.8	14.2	42.1	39.1	56.9	18.6	10.2	8.67	---	---	---	9
10	30.6	10.3	13.6	39.4E	32.8	74.5	19.0	10.1	8.75	---	---	---	10
11	24.6	9.91	13.3	36.8	32.8	56.9	19.0	10.1	8.67	---	---	---	11
12	21.4	10.8	13.3	28.9	30.0	47.9	18.2	10.1	8.61	---	---	---	12
13	19.8	17.8	13.6	24.6	32.6	42.8	17.2	10.1	8.45	---	---	---	13
14	17.6	133	13.3	22.5	31.4	39.1	19.8	9.97	8.41	---	---	---	14
15	15.4	133	13.5	22.5	41.2	33.7	18.2	9.91	8.44	---	---	---	15
16	16.4	216	16.8	64.3	36.0	46.8	17.4	9.80	8.42	---	---	---	16
17	15.3	138	14.9	44.8	30.9	53.6	17.8	9.68	8.41	---	---	---	17
18	17.6	171	13.3	36.8	27.2	48.5	17.8	9.51	8.41	---	---	---	18
19	23.7	221	13.3	41.8	37.4	124	19.2	9.29	8.41	---	---	---	19
20	23.0	128	12.5	46.2	37.9	89.3	18.2	9.17	9.80	---	---	---	20
21	33.1	81.7	11.9	50.7	37.9	65.6	17.2	9.17	14.0	---	---	---	21
22	81.3	60.1	19.4	97.9	34.0	63.9	16.1	9.06	29.7	---	---	---	22
23	71.5	44.5	18.0	113	28.6	86.8	15.0	8.78	30.0	---	---	---	23
24	56.2	39.1	18.0	123	37.1	66.4	14.6	8.61	19.8	---	---	---	24
25	36.2	37.1	24.4	79.6	66.0	51.8	14.6	8.72	17.8	---	---	---	25
26	35.1	31.1	22.5E	56.9	54.3	38.5	13.0	8.64	14.7	---	---	---	26
27	33.1	25.0	20.8	46.2	40.0	37.4	12.5	8.48	19.2	---	---	---	27
28	25.3	22.8	20.8	127	34.0	31.7	13.3	8.44	59.3	---	---	---	28
29	23.7		43.4	107	32.8	34.0	13.3	8.48	56.2	---	---	---	29
30	19.0		47.2	80.4	38.5	36.2	13.3	8.58	40.6	---	---	---	30
31	19.0		73.2		36.5		12.4	8.50		---		---	31
TOTAL	947.2	1 655.71	627.9	1 771.8	1 237.0	1 635.1	591.4	299.19	488.44	---	---	---	TOTAL
MEAN	30.6	59.1	20.3	59.1	39.9	54.5	19.1	9.65	16.3	---	---	---	MEAN
MAX	81.3	221	73.2	163	88.8	124	36.2	11.7	59.3	---	---	---	MAX
MIN	15.3	9.91	11.9	22.5	25.3	28.0	12.4	8.44	8.41	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 18 00 N
LONG 121 56 00 W
DRAINAGE AREA, 383 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 800	JUL	51 100
FEB	143 000	AUG	25 900
MAR	54 300	SEP	42 200
APR	153 000	OCT	---
MAY	107 000	NOV	---
JUN	141 000	DEC	---

CHEMAINUS RIVER NEAR WESTHOLME - STATION NO. 08HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	115	17.4	13.9	27.8	18.3	4.76	4.40	1.14	0.793	11.3	148	17.6	1
2	23.2	17.3	13.9	28.3	13.9	4.34	3.74	1.11	1.45	12.9	50.4	53.0	2
3	17.9	17.0	13.6	28.4	12.6	4.50	4.07	1.09	1.49	13.7	32.2	41.4	3
4	17.4	13.9	13.6	29.8	9.80	5.08	3.58	1.06	1.41	13.2	22.3	39.7	4
5	16.2	11.5	13.4	57.7	13.4	6.59	3.44	1.03	1.19	13.2	19.0E	399	5
6	13.7	10.3	13.2	50.3	13.3	10.8	3.23	0.998	0.896	13.7	17.5E	97.5	6
7	12.4	8.42	13.0	36.6	11.8	13.1	3.11	0.982	0.874	29.9	14.5E	53.9	7
8	11.3	8.29	12.6	32.0	11.5	13.3	3.02	0.950	0.860	63.7	13.0E	53.4	8
9	17.2	8.21	12.4	31.8	11.3	13.5	2.83	0.937	0.824	42.5	12.0E	47.4	9
10	16.1	8.12	12.4	30.7	11.0	14.0	2.77	0.910	0.725	39.3	11.5E	89.8	10
11	14.1	8.04	12.3	30.9	10.9	12.5	2.76	0.887	0.716	25.6	10.8E	44.6	11
12	13.2	7.45	12.3	27.5	7.45	11.3	2.73	0.874	0.707	15.3	59.5	35.9	12
13	12.6	7.53	12.2	25.3	7.39	9.90	2.68	0.838	0.707	15.2	47.0	45.6	13
14	10.8	101	12.4	23.0	7.64	5.70	2.65	0.797	0.703	13.9	43.5	39.7	14
15	11.5	293	12.5	21.6	7.74	5.60	2.27	0.770	0.694	10.4	109	37.2	15
16	11.1	359	12.3	19.9	7.53	5.52	1.98	0.743	0.689	9.75	98.9	30.5	16
17	13.7	131	12.2	20.0	6.40	5.66	1.96	0.734	0.680	8.42	145	27.7	17
18	20.8	44.2	12.0	19.8	6.78	7.24	1.93	0.730	0.698	5.12	129	46.2	18
19	20.6	20.0	9.85	19.7	6.84	8.37	1.87	0.725	0.707	5.06	53.4	87.1	19
20	20.7	15.2	6.59	19.6	5.96	15.3	1.89	0.725	0.716	5.08	64.0	81.0	20
21	50.7	15.0	5.56	19.4	5.90	14.4	1.83	0.690E	1.66	5.00	148	58.2	21
22	41.4	21.6	5.10	20.1	5.76	13.3	1.77	0.640E	2.37	3.80	200	53.1	22
23	37.6	22.1	5.04	19.5	5.64	13.4	1.72	0.580E	1.98	6.61	160	44.2	23
24	37.1	22.3	4.98	17.5	5.90	10.9	1.73	0.670E	2.30	10.9	73.4	25.3	24
25	32.9	20.5	4.90	16.0	5.84	8.21	1.29	0.700E	2.00	10.9	44.9	22.1	25
26	28.4	18.7	8.27	13.9	5.76	7.91	0.950	0.730E	1.75	128	25.8	9.65	26
27	25.0	17.5	8.16	14.1	5.70	6.61	0.748	0.730E	2.58	179	21.4	8.50	27
28	18.5	16.7	15.7	14.4	5.60	5.92	1.09	0.725	3.59	86.5	15.6	6.40	28
29	17.8		18.4	14.6	5.66	5.76	1.26	0.725	4.70	53.6	14.0	10.9	29
30	17.8		25.0	14.7	5.40	5.30	1.19	0.734	10.9	109	12.8	10.4	30
31	17.8		27.6		5.30		1.17	0.734		416		9.85	31
TOTAL	734.5	1 261.26	375.35	744.9	259.99	268.77	71.658	25.688	51.359	1 376.54	1 816.0	1 622.80	TOTAL
MEAN	23.7	45.0	12.1	24.8	8.39	8.96	2.31	0.829	1.71	44.4	60.5	52.3	MEAN
MAX	115	359	27.6	57.7	14.3	15.3	4.40	1.14	10.9	416	200	399	MAX
MIN	10.8	7.45	4.90	13.9	5.30	4.34	0.748	0.580	0.680	3.80	10.4	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.6
MAXIMUM DAILY, 416 ON OCT 31
MINIMUM DAILY, 0.580E ON AUG 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 52 51 N
LONG 123 41 10 W
DRAINAGE AREA, 355 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63 500	JUL	6 190
FEB	109 000	AUG	2 220
MAR	32 400	SEP	4 440
APR	64 400	OCT	119 000
MAY	22 500	NOV	157 000
JUN	23 200	DEC	140 000

TOTAL DISCHARGE, 744 000 dam³

CHERRY CREEK BELOW PENDLETON CREEK - STATION NO. 08LF086

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.036	0.033	0.030	0.023	0.140	0.716	0.137	0.232	0.066	0.038	0.033	0.043	1
2	0.035	0.033	0.030	0.023	0.204	0.665	0.130	0.211	0.059	0.035	0.033	0.043	2
3	0.035	0.032	0.030	0.023	0.180	0.597	0.109	0.184	0.066	0.036	0.033	0.041	3
4	0.035	0.032	0.030	0.023	0.232	0.580	0.092	0.152	0.066	0.035	0.033	0.041	4
5	0.033	0.032	0.030	0.025	0.191	0.541	0.094	0.154	0.066	0.036	0.033	0.043	5
6	0.033	0.032	0.030	0.023	0.204	0.501	0.068	0.148	0.062	0.035	0.033	0.043	6
7	0.033	0.032	0.030	0.023	0.191	0.487	0.101	0.211	0.051	0.035	0.033	0.040	7
8	0.033	0.032	0.029	0.023	0.184	0.461	0.125	0.125	0.048	0.033	0.033	0.040	8
9	0.033	0.025	0.029	0.023	0.180	0.426	0.132	0.109	0.044	0.033	0.033	0.041	9
10	0.033	0.032	0.030	0.023	0.172	0.415	0.125	0.109	0.046	0.033	0.033	0.041	10
11	0.033	0.032	0.030	0.022	0.191	0.322	0.123	0.094	0.040	0.032	0.033	0.041	11
12	0.033	0.029	0.029	0.022	0.180	0.270	0.082	0.088	0.041	0.032	0.033	0.046	12
13	0.033	0.027	0.027	0.022	0.238	0.340	0.092	0.070	0.041	0.032	0.033	0.038	13
14	0.033	0.029	0.027	0.022	0.305	0.340	0.101	0.059	0.043	0.032	0.033	0.036	14
15	0.033	0.029	0.027	0.022	0.331	0.340	0.123	0.084	0.041	0.032	0.033	0.040	15
16	0.033	0.030	0.027	0.021	0.501	0.313	0.132	0.055	0.041	0.032	0.033	0.040	16
17	0.033	0.030	0.027	0.021	0.580	0.296	0.142	0.046	0.040	0.032	0.033	0.038	17
18	0.033	0.030	0.027	0.022	0.580	0.313	0.232	0.053	0.038	0.032	0.036	0.038	18
19	0.033	0.046	0.029	0.022	0.631	0.296	0.232	0.096	0.043	0.032	0.036	0.040	19
20	0.033	0.032	0.029	0.022	0.699	0.296	0.372	0.103	0.041	0.032	0.048	0.036	20
21	0.043	0.030	0.026	0.022	0.934	0.296	0.372	0.096	0.041	0.033	0.048	0.046	21
22	0.057	0.030	0.026	0.154	1.63	0.296	0.351	0.072	0.040	0.033	0.050	0.043	22
23	0.043	0.030	0.025	0.198	1.20	0.270	0.278E	0.064	0.040	0.033	0.048	0.040	23
24	0.036	0.030	0.025	0.305	1.07	0.238	0.210E	0.055	0.040	0.033E	0.048	0.038	24
25	0.036	0.038	0.025	0.176	0.934	0.184	0.125E	0.053	0.040	0.033	0.048	0.036	25
26	0.036	0.033	0.025	0.116	0.842	0.157	0.153E	0.057	0.040	0.033	0.048	0.033	26
27	0.035	0.032	0.025	0.118	0.842	0.184	0.096E	0.055	0.038	0.032	0.046	0.035	27
28	0.035	0.030	0.025	0.118	0.750	0.157	0.079E	0.046	0.036	0.032	0.044	0.033	28
29	0.035		0.025	0.116	0.716	0.137	0.074E	0.051	0.036	0.032	0.044	0.032	29
30	0.033		0.025	0.128	0.682	0.137	0.119E	0.046	0.035	0.033	0.044	0.028B	30
31	0.033		0.025		0.716		0.204	0.051		0.033		0.027B	31
TOTAL	1.091	0.882	0.854	1.901	16.430	10.571	4.805	3.025	1.369	1.029	1.149	1.209	TOTAL
MEAN	0.035	0.032	0.028	0.063	0.530	0.352	0.155	0.098	0.046	0.033	0.038	0.039	MEAN
MAX	0.057	0.046	0.030	0.305	1.63	0.716	0.372	0.232	0.066	0.038	0.050	0.046	MAX
MIN	0.033	0.025	0.025	0.021	0.140	0.137	0.068	0.046	0.035	0.032	0.033	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.121
MAXIMUM DAILY, 1.63 ON MAY 22
MINIMUM DAILY, 0.021 ON APR 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 56 N
LONG 120 34 47 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	94.3	JUL	415
FEB	76.2	AUG	261
MAR	73.8	SEP	118
APR	164	OCT	88.9
MAY	1 420	NOV	99.3
JUN	913	DEC	104

TOTAL DISCHARGE, 3 830 dam³

CHESLATTA LAKE AT WEST END - STATION NO. 08JA018

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	5.090E	3.420E	2.839	2.805	2.899	1
2	---	---	---	---	---	---	---	5.060E	3.350E	2.819	2.822	2.901	2
3	---	---	---	---	---	---	---	5.005E	3.258	2.805	2.827	2.905	3
4	---	---	---	---	---	---	---	4.960E	3.189	2.798	2.833	2.898	4
5	---	---	---	---	---	---	---	4.932E	3.132	2.799	2.842	2.870	5
6	---	---	---	---	---	---	---	4.938E	3.096	2.793	2.848	2.870	6
7	---	---	---	---	---	---	---	5.000E	3.078	2.781	2.841	2.868	7
8	---	---	---	---	---	---	---	5.125E	3.066	2.767	2.846	2.866	8
9	---	---	---	---	---	---	---	5.351E	3.052	2.766	2.849	2.871	9
10	---	---	---	---	---	---	---	5.225E	3.037	2.775	2.857	2.868	10
11	---	---	---	---	---	---	---	5.142E	3.021	2.785	2.862	2.865	11
12	---	---	---	---	---	---	---	5.018E	3.012	2.780	2.860	2.864	12
13	---	---	---	---	---	---	---	4.968E	3.004	2.774	2.869	2.867	13
14	---	---	---	---	---	---	---	5.020E	2.999	2.772	2.870	2.867	14
15	---	---	---	---	---	---	---	5.060E	2.987	2.768	2.882	2.864	15
16	---	---	---	---	---	---	3.607	5.100E	2.983	2.755	2.899	2.857	16
17	---	---	---	---	---	---	4.000E	4.900E	2.981	2.752	2.903	2.855	17
18	---	---	---	---	---	---	4.160E	4.775E	2.976	2.744	2.906	2.856	18
19	---	---	---	---	---	---	4.420E	4.700E	2.962E	2.735	2.897	2.871	19
20	---	---	---	---	---	---	4.525E	4.535E	2.952E	2.737	2.907	2.878	20
21	---	---	---	---	---	---	4.750E	4.410E	2.943E	2.744	2.894	2.874	21
22	---	---	---	---	---	---	4.880E	4.300E	2.932E	2.754	2.899	2.875	22
23	---	---	---	---	---	---	5.042E	4.220E	2.920E	2.765	2.897	2.870	23
24	---	---	---	---	---	---	5.080E	4.115E	2.910E	2.765	2.883	2.878	24
25	---	---	---	---	---	---	5.095E	3.980E	2.900E	2.749	2.874	2.878	25
26	---	---	---	---	---	---	5.100E	3.900E	2.888E	2.765	2.872	2.875	26
27	---	---	---	---	---	---	5.110E	3.805E	2.880E	2.781	2.878	2.873	27
28	---	---	---	---	---	---	5.115E	3.720E	2.867E	2.787	2.878	2.871	28
29	---		---	---	---	---	5.120E	3.662E	2.858E	2.789	2.883	2.867	29
30	---		---	---	---	---	5.115E	3.598E	2.849E	2.793	2.903	2.874	30
31	---		---		---		5.110E	3.515E		2.801		2.863	31
MEAN	---	---	---	---	---	---	---	4.617	3.017	2.775	2.870	2.873	MEAN
MAX	---	---	---	---	---	---	---	5.351	3.420	2.839	2.907	2.905	MAX
MIN	---	---	---	---	---	---	---	3.515	2.849	2.735	2.805	2.855	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 25 N
LONG 125 38 20 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHICADEE LAKE ON DENMAN ISLAND - STATION NO. 08HB057

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.656	2.127	2.109	2.035	1.998	1.918	---	---	---	1
2	---	---	---	2.658	2.133	2.107	2.033	1.994	1.920	---	---	---	2
3	---	---	---	2.557E	2.137	2.105	2.031	1.992	1.920	---	---	---	3
4	---	---	---	2.580	2.141	2.103	2.027	1.988	1.922	---	---	---	4
5	---	---	---	2.516	2.149	2.103	2.023	1.984	1.920	---	---	---	5
6	---	---	---	2.492	2.155	2.109	2.019	1.980	1.918	---	---	---	6
7	---	---	---	2.476	2.165	2.107	2.014	1.976	1.916	---	---	---	7
8	---	---	---	2.476	2.177	2.105	2.010	1.972	1.914	---	---	---	8
9	---	---	---	2.392	2.131	2.105	2.006	1.968	1.914	---	---	---	9
10	---	---	---	2.370	2.105	2.103	2.034	1.964	1.912	---	---	---	10
11	---	---	---	2.384	2.109	2.101	2.054	1.960	1.910	---	---	---	11
12	---	---	---	2.396	2.109	2.099	2.052	1.956	1.907	---	---	---	12
13	---	---	---	2.414	2.109	2.097	2.048	1.952	1.905	---	---	---	13
14	---	---	---	2.266	2.111	2.095	2.046	1.948	1.903	---	---	---	14
15	---	---	---	2.192	2.115	2.093	2.044	1.942	1.901	2.081	---	---	15
16	---	---	---	2.150	2.107	2.091	2.040	1.938	1.897	---	---	---	16
17	---	---	---	2.156	2.121	2.089	2.040	1.932	1.895	---	---	---	17
18	---	---	---	2.164	2.123	2.091	2.038	1.928	1.895	---	---	---	18
19	---	---	---	2.172	2.127	2.069	2.038	1.922	1.903	---	---	---	19
20	---	---	---	2.176	2.093	2.055	2.036	1.918	1.907	---	---	---	20
21	---	---	---	2.140	2.091	2.049	2.034	1.912	1.937	---	---	---	21
22	---	---	---	2.146	2.091	2.045	2.030	1.908	1.937	---	---	---	22
23	---	---	---	2.152	2.089	2.045	2.026	1.904	1.937	---	---	---	23
24	---	---	---	2.160	2.095	2.043	2.022	1.904	1.939	---	---	---	24
25	---	---	---	2.164	2.115	2.043	2.018	1.916	1.939	---	---	---	25
26	---	---	---	2.166	2.115	2.041	2.014	1.916	1.939	---	---	---	26
27	---	---	2.596	2.166	2.115	2.037	2.010	1.914	1.945	---	---	---	27
28	---	---	---	2.140	2.115	2.035	2.006	1.914	1.963	---	---	---	28
29	---		---	2.118	2.113	2.039	2.004	1.912	1.963	---	---	---	29
30	---		---	2.123	2.111	2.035	2.004	1.914	1.965	---	---	---	30
31	---		---		2.111		2.002	1.918		---		---	31
MEAN	---	---	---	2.304	2.120	2.078	2.027	1.943	1.922	---	---	---	MEAN
MAX	---	---	---	2.658	2.177	2.109	2.054	1.998	1.965	---	---	---	MAX
MIN	---	---	---	2.113	2.089	2.035	2.002	1.904	1.895	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 33 39 N
LONG 124 48 32 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHILCOTIN RIVER BELOW BIG CREEK - STATION NO. 08NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.0E	47.0E	38.5	36.2	52.4	211	138	349	174	92.0	63.1	51.8	1
2	81.5E	46.5E	38.7	35.8	57.5	209	148	332	168	83.6	85.0	50.8	2
3	80.0E	46.2E	39.2	34.7	55.2	204	159	317	163	78.3	102	47.0	3
4	77.0E	46.1E	37.8	33.2	52.6	198	183	301	159	74.8	109	44.9	4
5	74.5E	46.0E	36.1	34.7	52.1	189	205	288	151	72.3	108	46.1	5
6	72.0E	45.5E	36.6	34.4	52.4	184	222	273	147	70.8	105	47.7	6
7	70.0E	44.5E	36.8	32.3	56.8	173	225	264	142	68.4	102	45.1	7
8	68.0E	42.0E	35.3	32.4	63.1	161	218	264	143	69.1	96.7	42.4	8
9	66.5A	39.5E	35.8	32.1	67.9	154	207	273	149	67.4	96.9	42.6	9
10	64.5E	34.5E	35.9	31.5	69.2	150	191	285	157	64.6	90.5	43.6	10
11	62.0E	36.0E	35.1	30.9	67.9	145	183	294	159	61.8	87.9	43.9	11
12	58.5E	37.9A	34.1	30.5	66.7	141	181	301	156	59.5	91.6	42.1	12
13	56.5E	40.9	34.5	29.5	69.8	138	178	305	149	58.0	90.4	40.2	13
14	55.0E	41.8	35.1	29.4	74.1	139	181	308	143	56.6	90.3	39.5	14
15	53.0E	43.6	35.1	30.0	77.5	141	191	307	138	56.2	88.9	42.2	15
16	52.0E	44.5	35.5	30.2	80.8	141	208	306	136	56.2	86.5	42.3	16
17	51.0E	42.0	33.9	31.1	90.8	137	220	299	138	54.3	84.3	41.5	17
18	50.8E	42.7	33.4	31.7	95.7	135	235	293	144	53.8	77.1	42.4	18
19	50.4E	43.6	33.1	32.9	102	133	256	291	155	53.8	76.0	44.4	19
20	50.2E	44.7	32.9	35.4	122	128	278	288	160	51.1	75.0	45.7	20
21	50.1E	45.2	33.2	39.1	150	124	293	282	152	49.5	72.6	43.8	21
22	51.0E	44.0	34.3	40.9	167	121	296	268	145	48.0	70.5	41.0	22
23	52.0E	42.5	33.7	42.0	177	120	298	255	134	47.4	66.3	41.4	23
24	53.5E	40.7	33.6	50.3	186	118	303	251	123	47.5	62.4	43.1	24
25	53.0E	39.9	34.9	58.1	202	116	309	254	114	47.2	58.6	42.4	25
26	52.8E	39.3	33.9	56.6	217	115	310	246	107	49.1	58.1	40.2	26
27	52.5E	39.2	33.7	52.4	215	116	314	227	102	47.3	52.8	39.4	27
28	51.0E	38.6	35.5	50.1	207	120	324	213	98.3	49.5	51.0	37.7	28
29	50.5E		37.3	47.5	199	127	331	194	94.1	49.0	54.6	35.2	29
30	49.5E		35.5	45.3	201	131	356	181	90.5	48.4	53.0	32.4	30
31	48.5E		36.4		211		360	176		51.1		30.4	31
TOTAL	1 842.8	1 184.9	1 095.4	1 131.2	3 558.5	4 419	7 501	8 485	4 190.9	1 836.6	2 406.1	1 313.2	TOTAL
MEAN	59.4	42.3	35.3	37.7	115	147	242	274	140	59.2	80.2	42.4	MEAN
MAX	85.0	47.0	39.2	58.1	217	211	360	349	174	92.0	109	51.8	MAX
MIN	48.5	38.5	32.9	29.4	52.1	115	138	176	90.5	47.2	51.0	30.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 107
MAXIMUM DAILY, 360 ON JUL 31
MINIMUM DAILY, 29.4 ON APR 14
MAXIMUM INSTANTANEOUS,
365 AT 19:09 PST ON JUL 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 55 N
LONG 122 39 12 W
DRAINAGE AREA, 19 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	159 000	JUL	648 000
FEB	102 000	AUG	733 000
MAR	94 600	SEP	362 000
APR	97 700	OCT	159 000
MAY	307 000	NOV	208 000
JUN	382 000	DEC	113 000

TOTAL DISCHARGE, 3 370 000 dam³

CHILKO RIVER AT OUTLET OF CHILKO LAKE - STATION NO. 08NA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.7	26.7	20.9	12.9	13.5	53.4	57.2	126	89.5	47.6	39.6	32.0	1
2	38.3	26.5	21.2	12.7	13.3	55.5	59.7	125	85.8	45.8	46.6	30.0	2
3	37.6	25.7	19.6	11.9	12.7	57.8	62.7	123	81.9	43.7	49.2	29.2	3
4	37.8	25.3	18.6	14.1	13.0	58.5	66.7	122	78.7	42.9	49.0	29.8	4
5	36.5	25.0	19.1	12.4	13.6	59.8	71.3	119	77.3	42.1	48.2	30.8	5
6	37.4	24.6	18.7	12.8	14.4	59.2	73.9	117	74.9	40.8	47.7	29.8	6
7	35.3	24.8	18.1	12.3	15.1	57.1	75.5	116	73.7	41.6	46.3	28.9	7
8	34.6	23.6	17.8	12.3	16.1	57.2	75.0	117	74.2	39.5	48.1	27.5	8
9	34.9	22.5	17.3	12.1	16.3	58.2	73.9	120	76.5	37.6	45.2	29.2	9
10	33.9	22.7	16.7	11.9	16.3	57.5	73.5	122	75.9	35.5	44.4	29.9	10
11	32.6	22.4	16.2	11.5	16.2	56.8	73.4	124	72.5	34.5	47.3	29.0	11
12	32.6	23.0	16.3	11.1	16.8	55.6	74.3	124	69.7	33.6	45.3	28.0	12
13	32.3	23.4	16.1	11.5	17.1	55.9	74.8	124	67.5	32.9	45.4	26.1	13
14	31.2	25.7	15.9	11.6	17.3	56.9	75.6	125	66.7	33.0	44.6	27.8	14
15	30.1	25.1	15.4	11.2	17.8	57.7	77.9	126	66.7	33.2	44.2	25.9	15
16	29.6	23.9	14.3	11.1	18.9	57.2	81.2	125	65.9	31.6	45.2	25.1	16
17	29.5	24.8	14.0	10.4	19.5	56.6	85.2	123	66.6	31.5	42.2	24.7	17
18	29.1	25.1	13.9	10.2	19.7	55.2	87.6	122	68.8	31.7	42.4	24.5	18
19	30.1	26.2	14.1	10.2	20.4	54.8	91.6	124	68.2	29.5	41.2	26.3	19
20	29.4	26.6	14.3	10.4	22.6	54.7	96.4	124	65.7	28.8	40.6	24.9	20
21	30.5	25.1	14.2	10.5	26.1	53.5	98.5	122	65.3	28.4	40.6	24.0	21
22	30.9	23.3	14.2	11.0	28.4	53.1	101	116	63.1	28.1	38.7	24.7	22
23	30.7	21.8	14.4	11.3	30.8	52.6	103	113	60.1	27.1	37.1	24.6	23
24	30.6	21.2	13.8	12.0	32.9	51.8	106	113	57.6	27.2	36.3	24.2	24
25	31.0	21.0	13.6	11.7	36.7	51.3	109	113	55.8	28.8	35.2	22.6	25
26	29.8	21.0	13.1	11.8	39.8	50.9	112	108	54.0	27.0	33.0	21.5	26
27	30.0	20.9	14.6	12.7	41.9	52.3	117	104	53.4	29.0	33.6	21.0	27
28	28.8	20.6	14.0	12.2	43.5	55.5	119	97.9	51.6	28.1	35.1	20.1	28
29	28.3		12.4	11.8	45.8	56.5	123	92.4	50.2	27.5	32.7	19.9	29
30	28.2		13.3	12.6	48.6	55.3	128	90.9	51.7	29.7	33.4	19.3	30
31	27.7		13.3		50.9		127	91.7		32.7		19.1	31
TOTAL	999.0	668.5	489.4	351.8	756.0	1 668.4	2 750.9	3 609.9	2 029.5	1 051.0	1 258.4	800.4	TOTAL
MEAN	32.2	23.9	15.8	11.7	24.4	55.6	88.7	116	67.7	33.9	41.9	25.8	MEAN
MAX	39.7	26.7	21.2	14.1	50.9	59.8	128	126	89.5	47.6	49.2	32.0	MAX
MIN	27.7	20.6	12.4	10.2	12.7	50.9	57.2	90.9	50.2	27.0	32.7	19.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.0
MAXIMUM DAILY, 128 ON JUL 30
MINIMUM DAILY, 10.2 ON APR 18
MAXIMUM INSTANTANEOUS,
130 AT 16:25 PST ON JUL 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 31 N
LONG 124 08 31 W
DRAINAGE AREA, 2 110 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	86 300	JUL	238 000
FEB	57 800	AUG	312 000
MAR	42 300	SEP	175 000
APR	30 400	OCT	90 800
MAY	65 300	NOV	109 000
JUN	144 000	DEC	69 200

TOTAL DISCHARGE, 1 420 000 dam³

CHILKO RIVER NEAR REDSTONE - STATION NO. 08NA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.7	41.7	30.6	22.7	30.4	159	116	279	154	79.6	59.2	47.3	1
2	70.8	41.7	30.7	22.5	31.7	159	125	268	150	70.0	74.3	44.5	2
3	67.6	41.8	30.6	22.1	30.7	158	137	257	144	66.2	88.3	42.0	3
4	65.7	40.8	28.6	21.7	30.5	154	157	246	140	63.7	91.3	41.8	4
5	62.5	40.1	28.0	23.6	31.9	150	182	240	136	61.6	91.1	42.6	5
6	61.2	40.0	28.9	21.8	34.5	145	193	230	132	60.3	88.1	42.4	6
7	58.7	39.3	28.2	21.5	37.5	134	192	227	130	58.9	82.9	41.3	7
8	54.5	38.3	28.0	21.3	40.3	127	183	229	132	58.4	82.2	40.0B	8
9	55.6	35.0	27.5	21.2	42.5	123	171	239	140	54.8	79.4	40.0B	9
10	53.6	31.6	26.9	21.0	42.6	119	159	249	147	52.5	74.4	39.5B	10
11	50.6	33.6	26.0	20.7	42.0	116	153	258	147	50.2	78.4	39.0B	11
12	49.1	35.1	25.6	20.5	42.9	110	151	262	142	48.8	75.4	38.0B	12
13	49.0	36.2	25.8	20.3	44.3	108	150	265	137	47.5	76.1	37.0B	13
14	47.4	37.0	25.7	20.5	45.8	109	154	266	131	46.9	75.3	35.9B	14
15	45.9	37.7	25.4	20.5	48.4	110	163	268	127	46.7	75.2	36.0B	15
16	44.7	35.3	25.0	20.4	49.1	111	176	266	126	46.5	73.8	36.5B	16
17	44.5	34.7	24.3	20.2	53.8	109	186	259	128	44.4	69.8	37.5B	17
18	45.8	35.7	23.9	20.2	55.1	107	200	254	136	45.1	65.4	38.4B	18
19	45.1	35.4	23.4	20.1	61.8	105	215	254	143	44.0	66.4	39.0B	19
20	45.3	37.1	23.4	20.3	72.5	102	230	250	143	41.7	63.3	40.0B	20
21	45.1	37.4	23.7	20.5	85.1	98.5	240	243	137	41.1	61.5	39.0B	21
22	46.3	34.5	23.8	20.8	99.3	96.4	247	232	128	40.7	59.2	38.5B	22
23	46.9	32.8	23.9	22.3	113	93.8	249	223	117	40.0	56.3	39.5B	23
24	47.0	31.8	23.7	24.9	123	90.8	255	223	107	39.3	53.3	39.0B	24
25	47.5	31.1	23.1	27.1	135	89.6	261	223	99.1	39.7	52.1	37.5B	25
26	48.0	30.9	22.8	25.6	150	90.0	263	213	93.4	39.7	49.6	36.0B	26
27	46.2	30.7	22.5	25.8	154	93.3	268	198	88.9	39.8	47.5	34.0B	27
28	45.1	30.6	24.5	26.9	150	99.6	274	183	86.0	41.2	47.7	32.1B	28
29	44.0		23.1	26.0	147	106	283	166	80.7	40.2	49.9	30.5B	29
30	42.8		22.1	26.2	150	109	295	157	80.7	40.5	46.0	28.0B	30
31	42.8		22.9		155		292	157		46.8		26.5B	31
TOTAL	1 594.0	1 007.9	792.6	669.2	2 330.7	3 482.0	6 320	7 284	3 782.8	1 536.8	2 053.4	1 179.3	TOTAL
MEAN	51.4	36.0	25.6	22.3	75.2	116	204	235	126	49.6	68.4	38.0	MEAN
MAX	74.7	41.8	30.7	27.1	155	159	295	279	154	79.6	91.3	47.3	MAX
MIN	42.8	30.6	22.1	20.1	30.4	89.6	116	157	80.7	39.3	46.0	26.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.8
MAXIMUM DAILY, 295 ON JUL 30
MINIMUM DAILY, 20.1 ON APR 19
MAXIMUM INSTANTANEOUS,
301 AT 21:49 PST ON JUL 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 12 N
LONG 123 32 12 W
DRAINAGE AREA, 6 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	138 000	JUL	546 000
FEB	87 100	AUG	629 000
MAR	68 500	SEP	327 000
APR	57 800	OCT	133 000
MAY	201 000	NOV	177 000
JUN	301 000	DEC	102 000

TOTAL DISCHARGE, 2 770 000 dam³

CHILLIWACK RIVER ABOVE SLESSE CREEK - STATION NO. 08MH103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	94.8	22.1	30.0	14.7	72.0	61.4	60.2	32.7	20.9	28.5	46.3	22.3	1
2	82.8	21.1	28.4	14.4	61.1	60.0	57.0	31.5	18.8	32.6	34.1	27.3	2
3	71.9	20.5	27.7	14.1	53.5	58.1	58.9	30.5	16.5	21.9	30.8	23.8	3
4	64.0	19.6	26.5	13.7	48.4	60.8	62.0	29.3	16.3	19.1	28.0	22.8	4
5	56.3	18.7	24.9	15.1	44.4	66.9	60.6	28.4	15.9	18.1	26.0	33.3	5
6	49.7	17.9	23.4	14.6	41.3	78.9	54.9	28.3	15.2	34.8	24.5	32.1	6
7	45.4	17.2	22.2	14.0	38.8	65.9	50.1	28.6	14.8	45.9	23.2	29.6	7
8	41.5	16.5	21.2	13.8	36.7	60.3	45.7	28.7	14.6	34.0	22.0	28.0	8
9	38.1	15.7	20.2	13.6	38.1	61.7	42.9	28.5	14.5	31.9	21.0	31.6	9
10	35.4	14.6	19.5	13.4	36.6	60.3	42.7	28.2	14.3	29.5	20.1	39.4	10
11	33.3	14.4	19.0	13.6	35.7	56.5	40.5	27.8	13.8	27.2	28.0	34.6	11
12	31.5	15.4	18.7	13.4	35.1	52.0	39.4	27.1	13.3	25.8	39.7	32.0	12
13	29.7	16.9	18.5	13.1	36.4	53.2	42.1	26.5	12.7	24.0	32.4	30.4	13
14	28.2	27.1	18.2	13.1	38.4	50.1	42.9	26.1	12.3	22.6	31.9	29.6	14
15	26.7	30.0	17.8	13.8	39.8	48.6	42.0	25.4	12.1	21.6	32.4	28.1	15
16	25.2	50.8	17.6	15.6	36.4	57.2	42.7	24.8	11.9	20.5	34.7	26.6	16
17	24.0	64.8	16.8	16.2	35.2	55.3	46.6	24.2	11.9	19.6	32.8	25.4	17
18	23.4	58.1	16.2	16.6	36.8	59.3	44.7	23.5	11.9	18.8	32.4	25.0	18
19	23.4	74.2	15.7	18.2	41.6	74.4	49.7	22.6	12.7	18.1	30.9	31.3	19
20	23.2	64.4	15.3	20.1	43.1	71.5	47.1	22.0	12.2	17.2	29.7	29.4	20
21	25.2	55.9	15.0	19.6	43.8	65.3	44.4	21.1	15.1	16.5	31.4	27.2	21
22	33.6	49.3	15.5	32.6	42.8	63.2	42.7	20.1	13.8	16.0	30.8	25.9	22
23	34.8	45.3	15.3	49.2	45.0	66.3	41.6	19.3	13.3	15.3	29.4	24.9	23
24	32.7	42.2	14.8	60.7	55.0	61.6	41.4	18.7	12.7	14.8	28.1	24.1	24
25	30.6	39.7	15.2	62.5	70.7	61.8	41.8	18.0	12.2	14.4	27.0	23.3	25
26	29.1	36.6	14.9	37.4	63.7	62.2	40.9	17.2	11.7	19.9	25.7	22.7	26
27	27.8	34.1	14.4	35.0	59.2	58.4	40.3	16.6	12.4	24.9	24.4	21.8	27
28	26.3	31.9	14.2	47.7	58.5	53.8	39.5	15.9	16.5	35.8	23.3	20.9	28
29	25.3		14.5	56.6	63.9	62.8	37.8	15.6	15.3	29.9	22.6	20.1	29
30	24.1		14.4	66.6	72.7	64.6	36.1	15.5	14.5	27.9	21.8	19.4	30
31	23.0		15.2		68.0		34.5	15.1		49.2		18.8	31
TOTAL	1 161.0	935.0	581.2	743.0	1 492.7	1 832.4	1 413.7	737.8	424.1	775.9	865.4	831.7	TOTAL
MEAN	37.5	33.4	18.7	24.8	48.2	61.1	45.6	23.8	14.1	25.0	28.8	26.8	MEAN
MAX	94.8	74.2	30.0	66.6	72.7	78.9	62.0	32.7	20.9	49.2	46.3	39.4	MAX
MIN	23.0	14.4	14.2	13.1	35.1	48.6	34.5	15.1	11.7	14.4	20.1	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.3
MAXIMUM DAILY, 94.8 ON JAN 1
MINIMUM DAILY, 11.7 ON SEP 26
MAXIMUM INSTANTANEOUS,
102 AT 00:00 PST ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 09 N
LONG 121 39 42 W
DRAINAGE AREA, 645 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	100 000	JUL	122 000
FEB	80 800	AUG	63 700
MAR	50 200	SEP	36 600
APR	64 200	OCT	67 000
MAY	129 000	NOV	74 800
JUN	158 000	DEC	71 900

TOTAL DISCHARGE, 1 020 000 dam³

CHILLIWACK RIVER AT OUTLET OF CHILLIWACK LAKE - STATION NO. 08MH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	64.0	15.8	18.6	7.91	30.3	37.2	32.5	22.7	10.7	8.25	18.2	13.3	1
2	55.1	14.9	17.5	7.81	32.5	34.6	32.5	21.7	11.1	9.57	18.5	13.4	2
3	47.4	14.2	16.5	7.75	31.9	32.6	32.5	20.9	10.9	10.0	18.5	13.3	3
4	41.1	13.5	15.8	7.55	30.6	32.6	33.2	20.1	10.8	10.1	18.3	13.1	4
5	36.0	12.8	14.8	7.69	28.7	32.1	34.0	19.4	10.7	10.1	17.9	13.9	5
6	32.1	12.2	13.9	7.76	26.8	35.1	33.8	18.8	10.4	12.3	17.4	15.3	6
7	28.8	11.7	13.2	7.66	25.1	34.7	32.6	18.7	10.2	16.6	16.9	15.9	7
8	26.1	11.1	12.5	7.60	23.7	33.3	30.8	18.7	10.0	18.2	16.3	15.9	8
9	24.1	10.6	11.9	7.62	22.5	31.7	28.8	18.8	9.91	18.6	15.8	16.1	9
10	22.4	10.1	11.3	7.59	21.5	30.3	27.3	18.9	9.79	18.4	15.2	17.3	10
11	21.0	9.69	10.8	7.61	20.7	29.3	25.9	18.9	9.59	17.8	15.4	17.9	11
12	19.6	9.73	10.4	7.64	20.0	28.2	24.8	18.7	9.35	17.2	18.6	17.8	12
13	18.4	9.84	10.1	7.45	19.7	27.3	24.3	18.4	9.02	16.4	18.3	17.5	13
14	17.3	10.9	9.80	7.28	19.6	26.2	24.3	18.2	8.72	15.7	18.4	17.4	14
15	16.2	12.8	9.58	7.24	20.1	25.1	24.2	18.0	8.45	15.0	18.4	17.0	15
16	15.3	16.6	9.48	7.40	20.1	24.7	24.4	17.6	8.29	14.4	17.7	16.4	16
17	14.5	24.4	9.26	7.59	19.8	24.8	25.6	17.2	8.17	13.8	17.9	15.8	17
18	13.9	28.9	9.05	7.76	19.7	24.7	27.0	16.8	8.12	13.2	18.0	15.4	18
19	13.6	32.1	8.78	7.96	20.3	25.7	27.9	16.4	8.27	12.7	17.7	15.7	19
20	13.4	34.0	8.54	8.37	21.4	28.5	28.6	15.8	8.30	12.2	17.3	16.1	20
21	13.6	31.2	8.33	8.85	22.8	30.2	28.5	15.3	8.55	11.7	17.2	16.1	21
22	15.6	29.6	8.29	9.49	23.7	30.4	28.0	14.6	8.53	11.3	17.3	15.8	22
23	18.6	27.9	8.26	11.5	24.6	30.9	27.3	14.1	8.40	10.8	17.2	15.4	23
24	20.3	26.2	8.15	16.4	26.4	30.8	26.9	13.6	8.20	10.4	16.7	15.1	24
25	20.6	24.7	8.13	19.3	30.9	30.5	26.8	13.1	8.01	10.0	16.2	14.7	25
26	20.3	23.0	8.04	20.1	34.2	31.0	26.6	12.6	7.76	9.93	15.7	14.3	26
27	19.9	21.3	7.93	20.1	34.7	31.5	26.6	12.0	7.59	10.8	15.1	13.9	27
28	19.1	19.9	7.76	20.6	34.3	30.9	26.5	11.4	7.63	13.4	14.5	13.5	28
29	18.3		7.73	22.1	34.8	30.5	25.9	11.1	8.00	15.1	14.0	13.1	29
30	17.5		7.69	24.5	37.3	31.6	25.1	10.8	8.07	15.7	13.5	12.6	30
31	16.6		7.81		39.2		23.9	10.5		16.9		12.3	31
TOTAL	740.7	519.66	329.91	326.18	817.9	907.0	867.1	513.8	271.52	416.55	508.1	471.3	TOTAL
MEAN	23.9	18.6	10.6	10.9	26.4	30.2	28.0	16.6	9.05	13.4	16.9	15.2	MEAN
MAX	64.0	34.0	18.6	24.5	39.2	37.2	34.0	22.7	11.1	18.6	18.6	17.9	MAX
MIN	13.4	9.69	7.69	7.24	19.6	24.7	23.9	10.5	7.59	8.25	13.5	12.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 64.0 ON JAN 1
MINIMUM DAILY, 7.24 ON APR 15
MAXIMUN INSTANTANEOUS,
68.1 AT 00:00 PST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 02 N
LONG 121 27 24 W
DRAINAGE AREA, 329 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 000	JUL	74 900
FEB	44 900	AUG	44 400
MAR	28 500	SEP	23 500
APR	28 200	OCT	36 000
MAY	70 700	NOV	43 900
JUN	78 400	DEC	40 700

TOTAL DISCHARGE, 578 000 dam³

CHILLIWACK RIVER AT VEDDER CROSSING - STATION NO. 08MH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	146	45.7	60.3	42.9	141	97.6	101	57.6	46.4	38.5	68.4	38.0	1
2	127	44.6	58.1	41.2	111	95.8	95.0	56.3	42.6	53.3	53.5	49.2	2
3	111	43.6	57.7	40.7	95.4	92.3	97.8	55.0	37.1	38.0	49.2	41.8	3
4	99.7	42.5	55.9	39.6	87.0	100	104	53.6	35.4	34.6	45.1	39.9	4
5	91.5A	41.3	53.5	43.9	79.9	106	101	52.6	33.6	33.0	42.0	58.8	5
6	---	40.2	51.6	42.7	75.0	142	90.8	52.9	31.4	55.2	40.3	57.6	6
7	---	39.3	50.1	41.0	71.4	109	83.7	53.9	30.5	79.3	38.8	50.9	7
8	---	38.3	48.4	40.5	68.4	98.1	77.3	53.7	29.6	53.8	37.4	46.6	8
9	---	37.1	47.2	40.0	70.2	104	72.7	53.5	29.0	49.2	36.3	52.2	9
10	---	34.3	46.3	39.2	68.9	106	72.9	53.0	27.6	44.5	35.4	71.2	10
11	---	34.8	45.5	40.3	68.0	103	70.0	52.3	26.1	41.6	46.9	58.3	11
12	---	38.3	44.8	40.2	66.4	94.2	68.7	51.2	24.5	39.3	67.6	52.0	12
13	---	42.6	44.8	39.5	68.9	94.5	72.6	50.4	23.0	37.8	52.8	48.1	13
14	---	65.1	44.7	39.3	71.6	89.3	73.8	50.2	22.3	36.5	51.7	46.8	14
15	---	73.5	44.7	41.4	74.5	86.3	72.4	49.3	22.5	35.5	53.7	44.0	15
16	---	126	44.4	44.3	68.9	98.7	74.2	48.5	22.6	34.6	57.2	42.0	16
17	---	172	43.0	45.0	66.3	98.2	81.3	47.8	22.9	33.7	51.9	40.8	17
18	---	139	42.0	45.1	68.3	102	78.0	46.8	22.7	32.9	51.8	41.0	18
19	---	175	41.0	47.3	75.7	141	84.6	45.6	24.3	32.0	49.0	52.0	19
20	---	132	40.1	52.1	78.4	139	81.9	44.6	22.6	31.0	46.6	48.6	20
21	---	106	39.8	51.0	79.5	125	76.4	43.2	28.4	29.7	49.5	44.1	21
22	---	92.1	42.0	72.1	76.9	116	72.5	41.8	26.0	28.7	49.1	41.9	22
23	---	85.3	41.7	109	79.3	124	70.7	41.2	24.8	28.2	46.0	40.5	23
24	---	80.4	40.9	137	92.3	113	70.1	40.5	23.8	27.6	43.6	39.8	24
25	---	75.9	42.2	90.6	122	111	70.9	38.7	23.2	27.0	42.3	38.8	25
26	---	70.5	41.9	78.1	109	113	70.1	37.5	22.3	34.7	40.8	38.0	26
27	---	66.5	40.5	71.0	96.7	104	69.3	36.1	24.0	44.0	39.1	36.8	27
28	---	62.7	40.1	91.4	94.2	94.9	67.5	34.9	33.1	62.7	37.8	36.0	28
29	---		41.2	111	103	103	64.5	34.9	29.7	51.3	37.0	35.1	29
30	---		41.0	127	121	110	61.9	34.8	27.9	45.9	36.5	34.3	30
31	47.6A		43.7		113		59.6	33.5		65.9		33.6	31
TOTAL	---	2 044.6	1 419.1	1 784.4	2 662.1	3 210.9	2 407.2	1 445.9	839.9	1 280.0	1 397.3	1 398.7	TOTAL
MEAN	---	73.0	45.8	59.5	85.9	107	77.7	46.6	28.0	41.3	46.6	45.1	MEAN
MAX	---	175	60.3	137	141	142	104	57.6	46.4	79.3	68.4	71.2	MAX
MIN	---	34.3	39.8	39.2	66.3	86.3	59.6	33.5	22.3	27.0	35.4	33.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 175 ON FEB 19
MINIMUM DAILY, 22.3 ON SEP 14
MAXIMUM INSTANTANEOUS,
220 AT 11:51 PST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 50 N
LONG 121 57 45 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	208 000
FEB	177 000	AUG	125 000
MAR	123 000	SEP	72 600
APR	154 000	OCT	111 000
MAY	230 000	NOV	121 000
JUN	277 000	DEC	121 000

CHUCHINKA CREEK NEAR THE MOUTH - STATION NO. 07EE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.00B	3.52B	2.45B	6.42B	27.8	10.3	2.96	0.774	0.440	0.609	0.999	1.17 B	1
2	6.70B	3.40B	2.46B	6.42B	28.1	9.17	2.72	0.749	0.463	0.649	1.04	1.17 B	2
3	6.50B	3.30B	2.46B	6.38B	26.3	8.41	2.55	0.705	0.461	0.621	1.12	1.17 B	3
4	6.30B	3.20B	2.47B	6.20B	25.8	8.10	2.38	0.706	0.461	0.607	1.25	1.19 B	4
5	6.10B	3.10B	2.47B	6.04B	27.5	7.90	2.21	0.670	0.455	0.613	1.18	1.23 B	5
6	6.00B	3.02B	2.47B	6.02B	29.4	7.55	2.08	0.652	0.423	0.623	1.15	1.21 B	6
7	5.82B	2.95B	2.48B	6.05B	28.1	7.23	2.00	0.634	0.430	0.635	1.08	1.19 B	7
8	5.70B	2.85B	2.48B	6.20B	28.4	6.90	1.90	0.616	0.421	0.688	1.09	1.17 B	8
9	5.55B	2.78B	2.49B	6.50B	29.5	6.43	1.76	0.610	0.403	0.717	1.10	1.15 B	9
10	5.45B	2.70B	2.49B	7.10B	29.2	6.44	1.64	0.569	0.394	0.733	1.20	1.13 B	10
11	5.35B	2.65B	2.49B	8.40B	25.9	6.44	1.51	0.562	0.402	0.742	1.24	1.11 B	11
12	5.30B	2.63B	2.50B	9.00B	23.9	6.48	1.37	0.553	0.380	0.728	1.39	1.09 B	12
13	5.32B	2.61B	2.50B	9.40B	23.3	6.23	1.31	0.531	0.370	0.703	1.43	1.07 B	13
14	5.18B	2.60B	2.53B	9.90B	22.6	5.76	1.26	0.530	0.361	0.659	1.44	1.01 B	14
15	5.10B	2.65B	2.56B	10.5 B	22.8	5.34	1.14	0.517	0.356	0.683	1.39	0.955B	15
16	5.03B	2.75B	2.59B	11.3 B	22.2	5.24	1.07	0.510	0.346	0.666	1.37	0.925B	16
17	4.90B	2.88B	2.61B	12.2 B	20.7	4.98	0.977	0.488	0.335	0.640	1.35	0.895B	17
18	4.64B	2.98B	2.64B	12.9 B	19.1	4.72	0.891	0.500	0.324	0.619	1.29 B	0.880B	18
19	4.55B	3.00B	2.67B	14.2 B	17.7	4.73	0.904	0.486	0.337	0.590	1.28 B	0.865B	19
20	4.45B	3.00B	2.69B	16.4	16.5	5.59	0.835	0.481	0.333	0.559	1.28 B	0.855B	20
21	4.40B	2.97B	2.71B	18.3	15.4	5.44	0.807	0.458	0.347	0.555	1.29 B	0.845B	21
22	4.35B	2.92B	2.74B	19.8	15.1	4.85	0.813	0.446	0.336	0.542	1.30 B	0.835B	22
23	4.30B	2.84B	2.76B	23.9	13.7	4.63	0.827	0.441	0.359	0.525	1.29 B	0.825B	23
24	4.25B	2.75B	2.78B	31.8	12.7	4.79	0.789	0.439	0.382	0.521	1.28 B	0.805B	24
25	4.15B	2.69B	2.80B	30.1	11.7	4.32	0.747	0.447	0.409	0.523	1.29 B	0.800B	25
26	4.05B	2.60B	2.88B	25.8	11.7	3.89	0.749	0.420	0.433	0.549	1.27 B	0.795B	26
27	3.95B	2.55B	3.05B	22.7	11.2	3.65	0.718	0.426	0.476	0.606	1.24 B	0.775B	27
28	3.85B	2.48B	3.60B	22.8	10.2	3.46	0.702	0.429	0.463	0.670	1.21 B	0.760B	28
29	3.77B		5.60B	23.6	9.38	3.26	0.754	0.427	0.438	0.813	1.19 B	0.750B	29
30	3.70B		6.20B	24.0	9.19	3.08	0.811	0.435	0.480	0.857	1.18 B	0.720B	30
31	3.65B		6.40B		10.7		0.807	0.424		0.870		0.700B	31
TOTAL	155.36	80.37	92.02	420.43	625.77	175.31	41.991	16.635	12.018	20.115	37.209	30.045	TOTAL
MEAN	5.01	2.87	2.97	14.0	20.2	5.84	1.35	0.537	0.401	0.649	1.24	0.969	MEAN
MAX	7.00	3.52	6.40	31.9	29.5	10.3	2.96	0.774	0.480	0.870	1.44	1.23	MAX
MIN	3.65	2.48	2.45	6.02	9.19	3.08	0.702	0.420	0.324	0.521	0.999	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.68
MAXIMUM DAILY, 31.9 ON APR 24
MINIMUM DAILY, 0.324 ON SEP 18
MAXIMUM INSTANTANEOUS,
35.0 AT 19:04 PST ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 45 N
LONG 122 36 00 W
DRAINAGE AREA, 311 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 400	JUL	3 630
FEB	6 940	AUG	1 440
MAR	7 950	SEP	1 040
APR	36 300	OCT	1 740
MAY	54 100	NOV	3 210
JUN	15 100	DEC	2 600

TOTAL DISCHARGE, 147 000 dam³

CLARK CREEK NEAR WINFIELD - STATION NO. 08NM146

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.031	0.026B	0.021	0.068	0.643	0.430	0.142	0.042	0.013	0.013	0.040	0.019	1
2	0.031	0.024	0.021	0.062	0.586	0.360	0.119	0.037	0.015	0.026	0.040	0.020	2
3	0.028	0.022	0.020	0.059	0.479	0.311A	0.099	0.034	0.012	0.022	0.036	0.023	3
4	0.028	0.020B	0.020	0.057	0.447	0.275	0.085	0.031	0.011	0.019	0.030	0.019	4
5	0.027	0.019B	0.020	0.054	0.425A	0.246	0.074	0.028	0.011	0.017	0.026	0.019	5
6	0.027	0.018B	0.020	0.054	0.436A	0.224	0.068	0.024	0.010	0.023	0.024	0.021	6
7	0.025	0.018B	0.019	0.054	0.436A	0.204	0.144	0.021	0.009	0.033	0.023	0.019	7
8	0.025	0.018B	0.019	0.051	0.453	0.195	0.181	0.019	0.008	0.028	0.022	0.019	8
9	0.024	0.014B	0.019	0.048	0.496	0.224	0.136	0.018	0.007	0.032	0.022	0.019	9
10	0.023	0.011B	0.019	0.045	0.521	0.249	0.133	0.016	0.006	0.031	0.021	0.021	10
11	0.022	0.012B	0.019	0.045	0.532	0.249	0.167	0.015	0.005	0.025	0.022	0.021	11
12	0.022	0.013B	0.019	0.045	0.575	0.210	0.136	0.014	0.005	0.023	0.024	0.018B	12
13	0.021	0.014B	0.019	0.042	0.614	0.255	0.133	0.013	0.005	0.020	0.025	0.016B	13
14	0.019	0.016B	0.020	0.042	0.657	0.275	0.156	0.011	0.004	0.020	0.024	0.017	14
15	0.018	0.017B	0.022	0.048	0.878	0.235	0.139	0.011	0.004	0.018	0.023	0.018	15
16	0.018B	0.019B	0.042	0.057	1.03	0.224	0.125	0.010	0.004	0.018	0.023	0.017	16
17	0.018B	0.020B	0.042	0.071	0.946	0.198	0.113	0.010	0.004	0.018	0.022	0.016	17
18	0.018B	0.019B	0.040	0.085	0.934	0.201	0.108	0.009	0.004	0.018	0.022	0.017	18
19	0.019B	0.021B	0.037	0.116	0.946	0.246	0.108	0.008	0.012	0.018	0.022	0.016	19
20	0.018B	0.020B	0.037	0.159	0.957	0.224	0.130	0.008A	0.016	0.017	0.023	0.017	20
21	0.019	0.020B	0.037	0.181	1.22	0.193	0.110	0.007	0.017	0.015	0.023	0.017	21
22	0.020	0.018B	0.037	0.224	1.11	0.181	0.091	0.007	0.016	0.015	0.024	0.016	22
23	0.031	0.017B	0.040	0.286	0.994	0.170	0.082	0.006	0.013	0.015	0.024	0.014	23
24	0.040	0.020	0.040	0.521	0.932	0.150	0.133	0.006	0.012	0.016	0.023	0.014	24
25	0.040	0.022	0.042	0.447	1.12	0.142	0.110	0.006	0.010	0.016	0.021	0.014	25
26	0.037	0.022	0.054	0.354	1.15	0.125	0.091	0.005	0.011	0.016	0.021	0.014	26
27	0.034	0.021	0.059	0.311	0.878	0.113	0.074	0.005	0.010	0.018	0.020	0.014	27
28	0.034	0.021	0.062	0.314	0.745	0.102	0.062	0.005	0.013	0.029	0.021	0.014	28
29	0.031		0.065	0.357	0.609	0.093	0.054	0.007	0.014	0.048	0.019	0.014	29
30	0.031		0.068	0.464	0.555	0.091	0.051	0.009	0.012	0.042	0.020	0.014	30
31	0.027		0.065		0.501		0.045	0.008		0.036		0.013	31
TOTAL	0.806	0.522	1.064	4.721	22.805	6.395	3.399	0.450	0.293	0.705	0.730	0.530	TOTAL
MEAN	0.026	0.019	0.034	0.157	0.736	0.213	0.110	0.015	0.010	0.023	0.024	0.017	MEAN
MAX	0.040	0.026	0.068	0.521	1.22	0.430	0.181	0.042	0.017	0.048	0.040	0.023	MAX
MIN	0.018	0.011	0.019	0.042	0.425	0.091	0.045	0.005	0.004	0.013	0.019	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.116
MAXIMUM DAILY, 1.22 ON MAY 21
MINIMUM DAILY, 0.004 ON SEP 14
MAXIMUM INSTANTANEOUS,
1.42 AT 18:25 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 10 N
LONG 119 19 50 W
DRAINAGE AREA, 15.3 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	69.6	JUL	294
FEB	45.1	AUG	38.9
MAR	91.9	SEP	25.3
APR	408	OCT	60.9
MAY	1 970	NOV	63.1
JUN	553	DEC	45.8

TOTAL DISCHARGE, 3 670 dam³

CLAYTON FALLS CREEK NEAR THE MOUTH - STATION NO. 08FB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.67	2.67E	2.50E	2.38E	10.5 E	7.55E	10.0 E	6.40E	6.93	23.1	10.2	4.27	1
2	4.82	2.57E	2.47A	2.53E	9.70E	7.33A	12.0 E	6.28E	6.08	8.05	31.3	4.13	2
3	4.34	2.50E	2.49E	2.75E	8.00E	11.4 A	14.4 E	6.70E	5.40	5.66	20.7	3.68	3
4	4.40	2.45E	2.55E	3.05E	7.10E	10.2	12.0 E	6.60E	5.22	4.57	10.4	3.46	4
5	4.18	2.42E	2.65E	3.60E	6.50E	12.1	10.1 E	6.70E	4.77	3.98	8.88	3.70	5
6	5.05	2.41E	2.62E	3.40E	6.01A	15.4	8.70E	7.20E	5.06	4.41	8.02	3.59	6
7	4.45	2.40E	2.60E	3.22E	8.80E	9.30	7.35E	8.00E	5.97	4.78	7.18	3.30	7
8	3.93	2.35E	2.55E	3.05E	10.3 E	7.47	6.74A	8.40E	6.65	5.01	9.89	2.98	8
9	4.19	2.31E	2.51E	2.92A	9.10E	7.05	6.50A	8.50E	7.77	4.29	10.5	3.02	9
10	3.67	2.33E	2.48E	2.77E	8.10E	7.93	6.57A	8.45E	7.46	3.75	8.68	3.02	10
11	3.32	2.41E	2.43E	2.61E	7.60E	10.4	8.80E	8.20E	6.84	3.43	13.8	2.95	11
12	3.31	2.55E	2.40E	2.47E	7.80E	9.07	9.90E	7.94A	5.98	3.19	10.2	2.78	12
13	3.4[illegible]	2.90E	2.37E	2.35E	8.70E	7.37	9.70E	7.74	5.40A	3.14	7.89	2.80	13
14	3.1[illegible]	3.40E	2.33E	2.25E	10.5 E	7.38	9.30E	7.53	4.30E	3.21	7.01	2.86	14
15	2.91	3.75E	2.30E	2.15E	11.2 E	7.33	9.1GE	7.13	5.10E	3.45	6.42	2.84	15
16	2.80A	3.90E	2.24E	2.10E	10.0 E	8.98	9.00E	6.91	6.00E	3.89	5.93	2.75	16
17	2.85E	4.00E	2.20E	2.09E	11.1 E	8.01	10.5 E	6.51	7.00E	3.52	5.43	2.75	17
18	4.00E	4.10E	2.15E	2.11E	12.5 E	7.19	12.3 E	6.38	7.80E	3.79	5.10	2.94	18
19	7.00E	4.15E	2.11E	2.20E	13.1 E	10.1	11.4 E	6.63	5.40E	3.63	4.99	3.74	19
20	9.90E	4.17E	2.08E	2.35E	13.7 E	10.7	10.4 E	6.63	4.50E	3.19	4.83	4.46	20
21	8.70E	4.14E	2.10E	2.95E	11.5 E	10.3	9.25E	6.69	3.75E	2.93	4.77	3.63	21
22	7.60E	3.95E	2.19E	4.10E	10.2 E	8.51	8.30E	6.98	3.55E	2.86	4.57	3.32	22
23	6.65E	3.70E	2.17E	9.60E	9.65E	8.46	9.80E	6.92	3.47A	2.81	4.45	3.15	23
24	5.50E	3.50E	2.11E	10.2 E	12.5 E	8.14	9.70E	6.87	3.33	3.04	3.19A	3.19	24
25	5.00E	3.20E	2.06E	9.90E	16.2 E	7.57	9.50E	6.50	3.06	3.88	3.32	3.31	25
26	4.60E	3.00E	2.08E	6.80E	14.1 E	8.02	10.1 E	5.91	2.93	3.53	3.13	3.21	26
27	4.10E	2.85E	2.25E	6.25E	12.3 E	7.92	9.15E	5.23	2.89	4.11	2.92	3.06	27
28	3.71E	2.72E	2.40E	7.95E	11.2 E	7.84	8.30E	5.07	3.54	4.58	2.99	2.90	28
29	3.38E		2.50E	7.55E	12.5 E	9.90E	7.45E	4.77	3.12	3.87	3.19	2.60	29
30	3.09E		2.48E	9.60E	11.8 E	9.95E	6.95E	4.52	28.4	7.22	3.17	2.36	30
31	2.90E		2.30E		8.40E		6.75E	5.23		24.9		2.68	31
TOTAL	142.58	86.80	72.67	127.25	320.66	268.87	290.01	209.52	177.67	165.80	233.25	99.43	TOTAL
MEAN	4.60	3.10	2.34	4.24	10.3	8.96	9.36	6.76	5.92	5.35	7.78	3.21	MEAN
MAX	9.90	4.17	2.65	10.2	16.2	15.4	14.4	8.50	28.4	24.9	31.3	4.46	MAX
MIN	2.80	2.31	2.06	2.09	6.01	7.05	6.50	4.52	2.89	2.81	2.92	2.36	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.01
MAXIMUM DAILY, 31.3 ON NOV 2
MINIMUM DAILY, 2.06E ON MAR 25
MAXIMUM INSTANTANEOUS,
63.6 AT 21:01 PST ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 53 N
LONG 126 48 09 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 300	JUL	25 100
FEB	7 500	AUG	18 100
MAR	6 280	SEP	15 400
APR	11 000	OCT	14 300
MAY	27 700	NOV	20 200
JUN	23 200	DEC	8 590

TOTAL DISCHARGE, 190 000 dam³

CLEARWATER LAKE NEAR CLEARWATER STATION - STATION NO. 08LA012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.654	1.567	1.480	1.479	1.708	2.451	2.104	2.133	1.895	1.681	1.686	1.580	1
2	1.644	1.555	1.476	1.478	1.751	2.423	2.120	2.105	1.924	1.706	1.799	1.572	2
3	1.635	1.548	1.473	1.480	1.779	2.403	2.159	2.080	1.937	1.721	1.865	1.563	3
4	1.628	1.543	1.473	1.480	1.791	2.404	2.239	2.055	1.933	1.722	1.881	1.555	4
5	1.618	1.539	1.468	1.483	1.798	2.392	2.275	2.034	1.926	1.715	1.869	1.547	5
6	1.616	1.534	1.464	1.483	1.803	2.369	2.288	2.017	1.905	1.708	1.845	1.539	6
7	1.609	1.525	1.458	1.479	1.806	2.332	2.269	2.011	1.882	1.732	1.820	1.531	7
8	1.602	1.520	1.454	1.479	1.803	2.276	2.228	2.009	1.869	1.758	1.790	1.529	8
9	1.598	1.512	1.451	1.477	1.813	2.219	2.171	2.014	1.864	1.758	1.764	1.521	9
10	1.591	1.501	1.446	1.476	1.826	2.171	2.117	2.015	1.866	1.747	1.743	1.519	10
11	1.583	1.495	1.449	1.473	1.833	2.141	2.080	2.019	1.856	1.732	1.722	1.513	11
12	1.574	1.494	1.449	1.471	1.842	2.113	2.063	2.023	1.844	1.716	1.712	1.503	12
13	1.564	1.493	1.445	1.464	1.864	2.084	2.058	2.032	1.829	1.700	1.707	1.495	13
14	1.558	1.489	1.444	1.463	1.898	2.074	2.074	2.025	1.809	1.684	1.708	1.492	14
15	1.547	1.489	1.442	1.458	1.931	2.085	2.113	2.017	1.790	1.667	1.713	1.487	15
16	1.542	1.497	1.446	1.457	1.962	2.099	2.146	2.008	1.780	1.658	1.709	1.481	16
17	1.532	1.498	1.448	1.457	2.001	2.104	2.162	2.005	1.779	1.658	1.704	1.473	17
18	1.525	1.506	1.447	1.456	2.046	2.086	2.179	1.992	1.787	1.650	1.695	1.470	18
19	1.520	1.508	1.445	1.460	2.096	2.063	2.212	1.981	1.802	1.640	1.682	1.468	19
20	1.518	1.509	1.445	1.468	2.149	2.047	2.238	1.966	1.814	1.630	1.672	1.467	20
21	1.512	1.511	1.445	1.483	2.210	2.041	2.265	1.954	1.809	1.621	1.664	1.464	21
22	1.522	1.510	1.446	1.505	2.276	2.032	2.264	1.937	1.793	1.606	1.655	1.460	22
23	1.538	1.509	1.449	1.523	2.337	2.021	2.247	1.921	1.775	1.597	1.647	1.459	23
24	1.561	1.505	1.451	1.553	2.390	2.017	2.228	1.913	1.757	1.591	1.635	1.456	24
25	1.577	1.501	1.456	1.593	2.450	2.019	2.216	1.913	1.736	1.588	1.622	1.455	25
26	1.585	1.497	1.457	1.623	2.539	2.039	2.193	1.920	1.716	1.586	1.611	1.454	26
27	1.586	1.493	1.456	1.638	2.535	2.059	2.174	1.932	1.697	1.582	1.599	1.448	27
28	1.589	1.486	1.456	1.657	2.469	2.066	2.177	1.925	1.680	1.595	1.587	1.441	28
29	1.586		1.461	1.666	2.409	2.068	2.179	1.916	1.680	1.620	1.584	1.436	29
30	1.581		1.466	1.678	2.398	2.085	2.166	1.908	1.673	1.636	1.578	1.431	30
31	1.576		1.477		2.455		2.151	1.892		1.645		1.426	31
MEAN	1.576	1.512	1.456	1.511	2.063	2.159	2.179	1.989	1.814	1.666	1.709	1.491	MEAN
MAX	1.654	1.567	1.480	1.678	2.539	2.451	2.288	2.133	1.937	1.758	1.881	1.580	MAX
MIN	1.512	1.486	1.442	1.456	1.708	2.017	2.058	1.892	1.673	1.582	1.578	1.426	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.762
MAXIMUM DAILY, 2.539 ON MAY 26
MINIMUM DAILY, 1.426 ON DEC 31
MAXIMUM INSTANTANEOUS,
2.558 AT 01:30 PST ON MAY 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 35 N
LONG 120 11 30 W

NATURAL FLOW

CLEARWATER RIVER AT OUTLET OF CLEARWATER LAKE - STATION NO. 08LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.3	55.1	36.8	36.8	94.5	502	272	290	164	86.4	87.9	58.2	1
2	75.4	52.2	36.2	36.5	109	481	282	273	178	93.9	126	56.2	2
3	72.8	50.5	35.8	36.9	118	466	307	259	184	98.9	152	54.0	3
4	70.8	49.4	35.7	37.0	122	467	357	245	182	99.3	158	52.2	4
5	68.0	48.6	34.9	37.5	124	459	381	233	178	96.9	153	50.4	5
6	67.4	47.6	34.3	37.4	126	443	389	224	168	94.6	143	48.7	6
7	65.4	45.7	33.2	36.7	127	418	377	220	159	103	133	47.0	7
8	63.4	44.6	32.4	36.6	126	382	350	219	153	111	122	46.5	8
9	62.6	43.0	31.9	36.5	130	344	314	222	151	111	113	45.0	9
10	60.8	40.8	31.2	36.2	136	314	280	222	152	108	106	44.6	10
11	58.9	39.6	31.6	35.7	138	295	259	225	148	103	99.1	43.2	11
12	56.8	39.5	31.6	35.3	142	278	249	227	143	97.3	96.0	41.2	12
13	54.5	39.2	31.1	34.2	151	261	247	232	137	92.1	94.4	39.6	13
14	52.8	38.5	30.9	33.9	165	256	256	228	129	87.1	94.7	39.1	14
15	50.5	38.6	30.7	33.1	181	261	278	224	122	82.1	96.4	38.1	15
16	49.2	40.0	31.2	32.9	196	269	299	219	118	79.4	95.1	37.0	16
17	47.2	40.1	31.5	33.0	215	272	308	217	118	79.3	93.3	35.7	17
18	45.7	41.8	31.4	32.9	240	262	319	210	121	77.1	90.4	35.2	18
19	44.7	42.2	31.0	33.5	268	249	340	205	126	74.2	86.6	34.9	19
20	44.2	42.5	31.0	34.9	301	240	356	198	131	71.5	83.5	34.7	20
21	43.0	42.7	31.0	37.5	339	237	374	192	129	68.8	81.3	34.1	21
22	45.1	42.7	31.2	41.6	381	232	374	184	123	64.6	78.5	33.4	22
23	48.4	42.4	31.7	45.4	422	226	362	176	117	62.3	76.1	33.4	23
24	53.7	41.5	32.0	51.9	457	223	350	172	111	60.7	72.8	32.9	24
25	57.5	40.7	32.8	61.4	501	225	343	172	104	60.1	69.0	32.7	25
26	59.4	39.9	32.9	69.5	568	236	327	176	97.3	59.5	66.0	32.4	26
27	59.7	39.2	32.9	73.6	565	247	316	181	91.1	58.8	62.8	31.4	27
28	60.4	38.0	32.8	79.0	515	251	318	178	86.1	61.8	59.9	30.5	28
29	59.7		33.7	81.9	471	252	319	174	86.1	68.7	59.2	29.8	29
30	58.4		34.6	85.3	463	262	311	170	84.0	73.0	57.7	29.1	30
31	57.1		36.3		504		302	163		75.6		28.4	31
TOTAL	1 791.8	1 206.6	1 016.3	1 334.6	8 395.5	9 310	9 916	6 530	3 990.6	2 560.0	2 906.7	1 229.6	TOTAL
MEAN	57.8	43.1	32.8	44.5	271	310	320	211	133	82.6	96.9	39.7	MEAN
MAX	78.3	55 1	36.8	85.3	568	502	389	290	184	111	158	58.2	MAX
MIN	43.0	38.0	30.7	32.9	94.5	223	247	163	84.0	58.8	57.7	28.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 138
MAXIMUM DAILY, 568 ON MAY 26
MINIMUM DAILY, 28.4 ON DEC 31
MAXIMUM INSTANTANEOUS,
583 AT 01:30 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 20 N
LONG 120 11 30 W
DRAINAGE AREA, 2 950 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	155 000	JUL	857 000
FEB	104 000	AUG	568 000
MAR	87 800	SEP	345 000
APR	115 000	OCT	221 000
MAY	725 000	NOV	251 000
JUN	804 000	DEC	106 000

TOTAL DISCHARGE, 4 330 000 dam³

CLEARWATER RIVER AT OUTLET OF HOBSON LAKE - STATION NO. 08LA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.5	13.9 E	9.33E	8.13E	28.3	139	78.9	109	71.5	28.0	29.1	16.3 A	1
2	19.0	13.4 E	9.03E	8.42E	32.8	136	80.6	103	76.7	30.3	38.5	17.0	2
3	18.3	12.8 E	8.72E	8.52E	35.1	133	91.1	98.3	72.7	29.6	41.2	16.3	3
4	17.8	12.1 E	8.52E	8.62E	35.8	130	107	93.7	69.5	28.2	41.2	15.9	4
5	17.3	12.0 E	8.33E	8.62E	36.2	125	113	91.3	65.8	26.7	39.2	16.0	5
6	17.2	11.7 E	8.23E	8.62E	36.5	120	118	91.1	62.1	25.7	36.7	15.7	6
7	17.3	11.1 E	8.00E	8.72E	36.5	111	116	92.4	60.5	28.6	35.3	15.2	7
8	16.8	10.8 E	7.91E	8.82E	36.9	101	106	95.3	62.9	30.0	33.0	14.9	8
9	16.4	10.5 E	7.81E	8.92E	37.8	91.6	94.6	97.4	65.6	29.1	29.8	14.2 E	9
10	16.1	10.1 E	7.70E	9.03E	39.0	83.9	85.4	99.5	65.6	28.1	28.2	13.9 E	10
11	15.2	9.81E	7.70E	9.44A	40.1	79.8	80.3	103	63.6	27.2	26.8	13.6 E	11
12	14.9	9.70E	7.70E	9.45	41.7	76.6	80.4	106	60.9	26.2	28.1	13.4 E	12
13	13.7A	9.51E	7.70E	9.13	44.6	73.1	82.9	106	56.2	24.6	27.7	13.1 E	13
14	12.0	9.40E	7.61E	8.89	48.5	72.3	87.8	104	52.0	23.2	27.3	12.7 E	14
15	10.7	9.40E	7.50E	8.88	53.3	73.5	93.7	102	50.0	22.6	26.7	12.3 E	15
16	10.4	9.51E	7.40E	8.75	57.3	76.2	98.3	98.8	52.7	22.3	25.7	12.0 E	16
17	10.3	9.70E	7.20E	8.77	62.1	75.3	103	98.3	56.5	21.9	24.8	11.7 E	17
18	10.3	10.0 E	7.10E	9.11	68.4	71.9	110	95.3	61.0	21.8	23.8	11.3 E	18
19	10.2	10.3 E	7.10E	10.1	76.0	67.3	115	93.0	65.6	21.2	22.6	11.0 E	19
20	10.2E	10.4 E	7.20E	10.4	83.5	66.2	120	89.4	62.2	20.6	21.9	10.5 E	20
21	10.7E	10.5 E	7.20E	11.0	93.9	64.2	125	84.3	56.5	19.9	21.4	10.1 E	21
22	11.5E	10.5 E	7.10E	11.8	105	62.3	125	80.9	50.7	19.3	20.8	9.81E	22
23	12.1E	10.4 E	7.01E	12.9	115	60.9	125	79.7	45.8	19.0	20.2	9.77E	23
24	13.1E	10.3 E	7.10E	16.3	124	60.2	124	81.1	42.8	18.4	19.9	10.0 E	24
25	14.1E	10.2 E	7.20E	19.7	134	60.4	123	85.1	38.6	18.2	19.3	10.5 E	25
26	15.0E	9.92E	7.40E	21.3	151	63.8	118	89.0	35.1	18.8	18.5	10.0 E	26
27	15.7E	9.70E	7.50E	21.6	155	66.8	116	87.2	32.5	18.3	17.6A	9.51E	27
28	15.7E	9.51E	7.70E	22.8	148	65.7	120	80.1	30.1	20.6	17.1E	9.33E	28
29	15.6E		7.91E	23.3	135	67.3	122	76.3	28.6	22.2	16.9E	9.22E	29
30	15.2E		7.91E	23.9	131	74.3	118	73.7	26.9	22.6	16.6E	9.03E	30
31	14.5E		8.00E		141		113	66.7		22.9		8.89E	31
TOTAL	446.8	297.16	239.82	363.94	2 363.3	2 548.6	3 291.0	2 850.9	1 641.2	735.3	795.9	383.16	TOTAL
MEAN	14.4	10.6	7.74	12.1	76.2	85.0	106	92.0	54.7	23.7	26.5	12.4	MEAN
MAX	19.5	13.9	9.33	23.9	155	139	125	109	76.7	30.3	41.2	17.0	MAX
MIN	10.2	9.40	7.01	8.13	28.3	60.2	78.9	66.7	26.9	18.0	16.6	8.89	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.7
MAXIMUM DAILY, 155 ON MAY 27
MINIMUM DAILY, 7.01E ON MAR 23
MAXIMUM INSTANTANEOUS,
156 AT 20:18 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 18 N
LONG 120 19 26 W
DRAINAGE AREA, 904 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 600	JUL	284 000
FEB	25 700	AUG	246 000
MAR	20 700	SEP	142 000
APR	31 400	OCT	63 500
MAY	204 000	NOV	68 800
JUN	220 000	DEC	33 100

TOTAL DISCHARGE, 1 380 000 dam³

CLEARWATER RIVER NEAR CLEARWATER STATION - STATION NO. 08LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	139	111	83.1	89.8	216	897	500	415	217	123	128	99.2	1
2	135	108	80.9	90.2	238	869	501	397	236	134	165	97.7	2
3	131	105	80.6	91.7	249	847	521	379	238	139	202	92.4	3
4	128	103	82.2	89.7	255	854	560	361	241	140	217	89.7	4
5	126	101	79.7	89.5	263	838	584	344	242	137	215	88.0	5
6	123	99.7	77.7	89.0	267	817	588	331	230	135	204	87.6	6
7	123	99.0	76.9	87.3	269	779	576	321	217	150	193	85.1	7
8	120	97.8	75.5	86.4	271	728	544	316	208	164	181	83.4	8
9	117	95.7	74.0	86.6	283	678	506	314	202	166	169	81.4	9
10	113	95.0E	73.2	86.2	297	632	466	311	202	161	159	81.4	10
11	109	94.3E	71.9	85.6	302	599	436	309	199	155	149	79.0	11
12	108	92.0E	71.0	85.1	308	570	419	310	192	148	149	74.7	12
13	105	91.0E	70.5	83.4	322	542	409	309	183	141	149	72.4	13
14	102	88.5E	69.5	81.6	342	528	412	306	175	134	146	71.4	14
15	99.2	86.5	69.0	80.4	370	529	432	298	165	128	147	70.3	15
16	95.3	89.5	72.5	80.1	398	538	450	290	158	125	148	68.2	16
17	92.3	90.7	75.0	82.7	428	542	458	284	155	123	145	66.7	17
18	92.1	92.2	74.4	84.5	466	528	463	279	155	120	138	64.9	18
19	91.6	93.7	73.5	88.0	510	513	478	272	162	118	134	66.1	19
20	89.2	94.1	72.7	95.1	560	502	493	262	168	114	131	65.7	20
21	87.1	94.3	72.1	101	616	493	514	255	166	109	128	63.3	21
22	90.6	94.9	72.1	111	665	484	516	245	161	106	125	61.8	22
23	102	93.0	72.2	119	720	481	508	237	154	103	122	61.0	23
24	113	91.8	72.0	139	779	477	496	229	149	101	118	61.2	24
25	117	90.3	73.5	152	852	473	483	227	141	99.9	114	61.6	25
26	118	89.0	77.3	157	957	481	463	226	133	100	110	60.4	26
27	119	87.6	78.2	162	950	491	449	229	126	98.6	106	59.3	27
28	118	85.4	79.2	172	900	486	449	227	120	103	101	58.4	28
29	117		83.9	182	845	482	450	222	121	114	100	56.3A	29
30	116		86.9	190	837	489	441	220	119	117	98.3	55.1B	30
31	113		88.3		910		429	213		121		53.4B	31
TOTAL	3 449.4	2 654.0	2 359.5	3 217.9	15 645	18 167	14 994	8 938	5 335	3 927.5	4 391.3	2 237.1	TOTAL
MEAN	111	94.8	76.1	107	505	606	484	288	178	127	146	72.2	MEAN
MAX	139	111	88.3	190	957	897	588	415	242	166	217	99.2	MAX
MIN	87.1	85.4	69.0	80.1	216	473	409	213	119	98.6	98.3	53.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 238
MAXIMUM DAILY, 957 ON MAY 26
MINIMUM DAILY, 53.4B ON DEC 31
MAXIMUM INSTANTANEOUS,
977 AT 14:53 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 20 N
LONG 120 03 55 W
DRAINAGE AREA, 10 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	298 000	JUL	1 300 000
FEB	229 000	AUG	772 000
MAR	204 000	SEP	461 000
APR	278 000	OCT	339 000
MAY	1 350 000	NOV	379 000
JUN	1 570 000	DEC	193 000

TOTAL DISCHARGE, 7 370 000 dam³

COAL RIVER AT THE MOUTH - STATION NO. 10BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.1B	19.9B	21.1B	25.8B	27.1B	430	144	74.9	77.2	71.6	78.0B	49.0B	1
2	25.3B	20.1B	20.9B	25.3B	27.2B	359	138	72.6	82.7	75.6	77.0B	47.0B	2
3	25.0B	20.3B	20.8B	25.0B	27.5B	294	142	70.1	81.2	77.2	77.0B	46.1B	3
4	24.8B	20.8B	20.8B	24.6B	27.9B	263	154	67.9	74.7	73.3	76.0B	45.5B	4
5	24.6B	21.1B	20.6B	24.5B	28.2B	245	148	66.4	69.8	67.1	75.0B	43.0B	5
6	24.7B	21.4B	20.6B	24.4B	29.3B	265	137	66.6	67.1	57.3	73.0B	42.0B	6
7	24.4B	21.5B	20.7B	24.2B	30.0B	257	132	68.9	66.6	54.5	70.0B	41.8B	7
8	24.2B	21.6B	20.9B	24.0B	31.8B	240	131	72.9	67.1	60.2	68.0B	41.0B	8
9	23.9B	21.5B	21.1B	23.9B	33.5B	208	127	68.3	69.6	62.1	67.0B	40.8B	9
10	23.2B	21.2B	21.5B	23.9B	42.0B	278	120	64.0	71.9	60.6	66.5B	40.3B	10
11	23.1B	21.0B	21.8B	24.0B	54.0B	285	114	61.2	84.4	60.5	66.0B	40.0B	11
12	23.0B	21.0B	22.2B	24.2B	73.0B	256	110	59.6	94.6	59.8	66.0B	39.8B	12
13	23.0B	21.1B	22.4B	24.4B	99.0B	231	110	58.8	104	60.4	66.0B	39.5B	13
14	23.1B	21.4B	22.6B	24.5B	145 B	225	113	58.4	101	60.9	65.0B	39.2B	14
15	23.1B	21.9B	22.8B	24.6B	185 B	248	113	57.1	92.4	61.8	64.0B	39.0B	15
16	22.8B	22.2B	22.7B	24.5B	254	250	106	55.6	87.5	69.8	63.5B	38.7B	16
17	22.4B	22.6B	22.5B	24.5B	312	237	100	54.4	92.4	81.3	62.5B	38.5B	17
18	21.9B	22.9B	22.3B	24.4B	358	225	97.3	53.4	97.1	83.2	61.0B	38.3B	18
19	21.5B	23.0B	22.1B	24.3B	394	206	94.8	52.7	93.4	81.5	60.0B	38.2B	19
20	21.4B	23.1B	22.0B	24.5B	430	219	93.1	51.6	99.2	79.4	59.0B	37.5B	20
21	21.7B	23.0B	22.1B	24.8B	433	233	91.7	50.9	103	73.1	57.0B	36.7B	21
22	22.0B	22.9B	22.2B	25.1B	419	229	88.8	50.5	94.1	65.0	54.6B	35.5B	22
23	22.1B	22.8B	22.8B	25.3B	501	209	86.5	49.9	86.1	64.6	53.0B	34.9B	23
24	22.2B	22.4B	23.5B	25.7B	528	200	86.4	49.7	82.5	84.0	52.3B	34.2B	24
25	22.0B	22.1B	24.4B	26.0B	431	189	86.2	49.1	80.4	96.8	52.0B	33.5B	25
26	21.4B	21.9B	25.0B	26.2B	451	171	83.8	48.8	77.2	107	51.8B	33.4B	26
27	20.9B	21.7B	25.2B	26.3B	540	161	80.9	49.4	74.1	97.7	52.0B	33.2B	27
28	20.4B	21.4B	25.7B	26.4B	531	155	80.0	51.6	72.1	97.8	51.6B	32.8B	28
29	20.2B		26.0B	26.6B	459	155	79.1	55.9	70.5	90.5	51.0B	32.0B	29
30	20.1B		26.0B	26.9B	429	153	77.3	67.0	70.4	79.2	50.0B	30.0B	30
31	20.0B		25.9B		437		75.7	77.5		79.0B		29.0B	31
TOTAL	703.5	607.8	701.2	748.8	7 767.5	7 156	3 340.6	1 855.7	2 484.3	2 292.8	1 885.8	1 190.4	TOTAL
MEAN	22.7	21.7	22.6	25.0	251	239	108	59.9	82.8	74.0	62.9	38.4	MEAN
MAX	25.3	23.1	26.0	26.9	540	430	154	77.5	104	107	78.0	49.0	MAX
MIN	20.0	19.9	20.6	23.9	27.1	153	75.7	48.8	66.6	54.5	50.0	29.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.2
MAXIMUM DAILY, 540 ON MAY 27
MINIMUM DAILY, 19.9B ON FEB 1
MAXIMUM INSTANTANEOUS,
580 AT 22:25 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 41 29 N
LONG 126 57 02 W
DRAINAGE AREA, 9 190 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	60 800	JUL	289 000
FEB	52 500	AUG	160 000
MAR	60 600	SEP	215 000
APR	64 700	OCT	198 000
MAY	671 000	NOV	163 000
JUN	618 000	DEC	103 000

TOTAL DISCHARGE, 2 660 000 dam³

COLDSTREAM CREEK ABOVE KALAVISTA DIVERSION - STATION NO. 08NM179

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.510E	0.328	0.394	0.504	2.94	3.23	1.47	0.659	0.403	0.411	0.596	0.438	1
2	0.496E	0.297	0.383	0.517	3.23	2.66	1.11	0.631	0.494	0.438	0.584	0.447	2
3	0.487E	0.311	0.372	0.491	2.86	2.33	0.954	0.687	0.428	0.411	0.572	0.438	3
4	0.473E	0.292	0.479	0.466	2.56	2.15	0.885	0.608	0.456	0.403	0.572	0.419	4
5	0.425E	0.292	0.405	0.479	2.25	1.93	0.787	0.572	0.411	0.395	0.548	0.447	5
6	0.413E	0.298	0.383	0.466	1.96	1.95	0.770	0.524	0.395	0.428	0.536	0.466	6
7	0.275B	0.298	0.372	0.466	1.82	1.64	0.885	0.504	0.395	0.447	0.524	0.438	7
8	0.311	0.305	0.372	0.453	1.67	1.64	1.35	0.494	0.387	0.438	0.524	0.428	8
9	0.305	0.305	0.361	0.453	1.54	1.69	1.11	0.475	0.379	0.494	0.536	0.438	9
10	0.311	0.306B	0.350	0.440	1.54	1.89	1.05	0.456	0.379	0.485	0.536	0.438	10
11	0.292	0.292	0.350	0.453	1.49	2.28	1.61	0.438	0.379	0.466	0.503	0.428	11
12	0.305	0.292	0.350	0.466	1.72	2.12	1.47	0.428	0.372	0.438	0.503	0.403	12
13	0.298	0.305	0.350	0.453	1.79	2.07	1.37	0.411	0.372	0.428	0.513	0.395	13
14	0.298	0.305	0.339	0.440	1.69	2.33	1.74	0.403	0.372	0.428	0.494	0.395	14
15	0.292	0.311	0.339	0.453	1.95	2.25	1.57	0.403	0.364	0.438	0.494	0.403	15
16	0.274	0.428	0.350	0.466	2.30	2.10	1.58	0.311	0.364	0.438	0.485	0.395	16
17	0.280	0.440	0.339	0.504	2.17	1.89	1.40	0.403	0.364	0.428	0.485	0.395	17
18	0.286	0.428	0.339	0.542	2.05	1.82	1.05	0.356	0.364	0.428	0.475	0.395	18
19	0.298	0.453	0.339	0.675	1.84	2.30	1.05	0.356	0.387	0.428	0.466	0.403	19
20	0.298	0.466	0.339	0.833	2.07	2.15	1.09	0.387	0.428	0.428	0.475	0.395	20
21	0.298	0.394	0.339	0.675	2.40	1.95	1.01	0.364	0.428	0.428	0.475	0.395	21
22	0.306	0.394	0.340E	1.14	2.35	1.82	1.01	0.348	0.419	0.438	0.485	0.323	22
23	0.328	0.383	0.339	1.97	2.10	1.84	0.918	0.348	0.403	0.438	0.466	0.320B	23
24	0.361	0.383	0.339	2.97	1.95	1.64	0.918	0.334	0.419	0.438	0.466	0.314B	24
25	0.339	0.568	0.339	3.23	2.10	1.52	1.30	0.328	0.403	0.428	0.447	0.317B	25
26	0.328	0.440	0.361	2.89	2.43	1.37	1.20	0.323	0.387	0.475	0.456	0.314B	26
27	0.328	0.417	0.372	2.23	2.15	1.28	1.01	0.328	0.379	0.503	0.447	0.311B	27
28	0.328	0.405	0.383	1.95	1.84	1.23	0.852	0.323	0.403	0.548	0.438	0.306B	28
29	0.350		0.417	1.82	1.65	1.09	0.687	0.334	0.395	0.596	0.438	0.300B	29
30	0.350		0.417	1.98	1.40	1.03	0.687	0.411	0.395	0.584	0.428	0.297B	30
31	0.328		0.428		2.61		0.659	0.179		0.596		0.297B	31
TOTAL	10.571	10.136	11.379	30.875	64.46	57.19	34.512	13.826	11.924	14.170	14.967	11.898	TOTAL
MEAN	0.341	0.362	0.367	1.03	2.08	1.91	1.11	0.430	0.397	0.457	0.499	0.384	MEAN
MAX	0.510	0.568	0.479	3.23	3.23	3.23	1.74	0.687	0.494	0.596	0.596	0.466	MAX
MIN	0.274	0.292	0.339	0.440	1.40	1.03	0.659	0.311	0.364	0.395	0.428	0.297	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.782
MAXIMUM DAILY, 3.23 ON APR 25
MINIMUM DAILY, 0.274 ON JAN 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 13 35 N
LONG 119 15 20 W
DRAINAGE AREA, 207 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	913	JUL	2 980
FEB	876	AUG	1 150
MAR	983	SEP	1 030
APR	2 670	OCT	1 220
MAY	5 570	NOV	1 290
JUN	4 940	DEC	1 030

TOTAL DISCHARGE, 24 700 dam³

COLDSTREAM CREEK ABOVE MUNICIPAL INTAKE - STATION NO. 08NM142

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.054E	0.079E	0.113E	0.272	0.646E	0.754	0.561E	0.340E	0.195E	0.099E	0.102E	0.070E	1
2	0.048E	0.079E	0.112	0.269E	0.657E	0.728E	0.586	0.323E	0.246	0.099E	0.102E	0.064E	2
3	0.046	0.078	0.119E	0.263	0.665E	0.702E	0.527E	0.306	0.201E	0.098	0.103	0.059	3
4	0.051E	0.076E	0.127	0.255E	0.676	0.676	0.467	0.297E	0.154	0.099E	0.100E	0.070E	4
5	0.059E	0.076E	0.108E	0.244E	0.676	0.697E	0.447E	0.289E	0.142E	0.098	0.096	0.082	5
6	0.064	0.078	0.086	0.235	0.648E	0.715	0.426	0.280	0.131E	0.110E	0.094E	0.080E	6
7	0.062E	0.076E	0.093E	0.232E	0.620	0.705E	0.498E	0.266E	0.119E	0.121	0.092	0.078E	7
8	0.062	0.076B	0.102E	0.229	0.612E	0.696	0.569	0.249E	0.107	0.140E	0.090E	0.076	8
9	0.062E	0.076B	0.112	0.229E	0.603	0.716E	0.527E	0.235	0.101E	0.159	0.088	0.076E	9
10	0.061	0.076B	0.113E	0.229	0.595E	0.735	0.484	0.224E	0.094	0.147E	0.087E	0.076	10
11	0.062E	0.076B	0.116	0.227E	0.586	0.762E	0.490E	0.212	0.092E	0.135E	0.086	0.075E	11
12	0.064	0.076	0.119E	0.221E	0.640E	0.787E	0.496E	0.198E	0.090	0.123E	0.087E	0.074	12
13	0.065E	0.076E	0.123	0.218	0.696	0.813	0.501	0.184	0.088E	0.112	0.088	0.073E	13
14	0.068E	0.078	0.130E	0.221E	0.716E	0.767E	0.527E	0.195E	0.086	0.107E	0.086E	0.072	14
15	0.071E	0.082E	0.156E	0.224	0.735	0.722E	0.552	0.172	0.080E	0.103	0.084	0.071E	15
16	0.071E	0.088	0.181E	0.241E	0.962	0.676	0.541E	0.163E	0.074E	0.101E	0.084E	0.070	16
17	0.074	0.093E	0.195	0.258E	0.867E	0.665E	0.532E	0.154	0.068	0.098	0.084	0.069E	17
18	0.068E	0.099E	0.184	0.275E	0.774	0.657	0.521E	0.147E	0.091E	0.097E	0.086E	0.068	18
19	0.062E	0.103	0.176	0.289E	0.793E	0.697E	0.513E	0.159	0.114	0.096	0.088	0.067E	19
20	0.059	0.099E	0.176	0.306E	0.813	0.735	0.501	0.150E	0.104E	0.093E	0.092E	0.065E	20
21	0.062E	0.094	0.176E	0.323	0.793E	0.705E	0.479E	0.161E	0.094E	0.091E	0.096	0.064	21
22	0.066	0.093E	0.178E	0.388E	0.774	0.676	0.454	0.172	0.084	0.088	0.094E	0.064E	22
23	0.082E	0.090	0.181	0.454	0.748E	0.677E	0.459E	0.164E	0.084E	0.088E	0.092	0.063E	23
24	0.101	0.108E	0.181	0.813	0.722E	0.676	0.467E	0.157	0.084	0.088	0.088E	0.062	24
25	0.093E	0.127	0.190E	0.719E	0.696	0.648E	0.473E	0.149E	0.083E	0.087E	0.084	0.059B	25
26	0.088E	0.125E	0.201	0.629E	0.697E	0.620	0.479E	0.142E	0.082	0.086	0.083E	0.059B	26
27	0.082	0.121	0.210E	0.535	0.696	0.595E	0.484	0.135	0.093E	0.093E	0.082	0.057B	27
28	0.082E	0.119E	0.218	0.569	0.631E	0.569	0.462E	0.133E	0.105	0.101	0.080E	0.057B	28
29	0.084		0.241	0.586	0.569	0.552E	0.440	0.130	0.102E	0.101E	0.078E	0.054B	29
30	0.082E		0.255	0.637	0.631E	0.535	0.399E	0.137E	0.098	0.101	0.076	0.054B	30
31	0.080		0.255		0.694E		0.358	0.144		0.101E		0.051B	31
TOTAL	2.135	2.517	4.927	10.590	21.631	20.658	15.220	6.167	3.286	3.260	2.672	2.079	TOTAL
MEAN	0.069	0.090	0.159	0.353	0.698	0.689	0.491	0.199	0.110	0.105	0.089	0.067	MEAN
MAX	0.101	0.127	0.255	0.813	0.962	0.813	0.586	0.340	0.246	0.159	0.103	0.082	MAX
MIN	0.046	0.076	0.086	0.218	0.569	0.535	0.358	0.130	0.068	0.086	0.076	0.051	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.261
MAXIMUM DAILY, 0.962 ON MAY 16
MINIMUM DAILY, 0.046 ON JAN 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 28 N
LONG 119 04 55 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184	JUL	1 320
FEB	217	AUG	533
MAR	426	SEP	284
APR	915	OCT	282
MAY	1 870	NOV	231
JUN	1 780	DEC	180

TOTAL DISCHARGE, 8 220 dam³

COLDWATER RIVER AT MERRITT - STATION NO. 08LG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.1	4.78	5.35	5.82	53.2	22.5	16.0	3.40	0.736	1.02	9.09	1.58 B	1
2	20.3	4.45B	5.27	5.53	40.2	24.2	14.3	3.11	0.787	6.82	8.52	1.72 B	2
3	18.1	4.19B	5.35	5.63	27.1	20.2	12.6	2.83	1.30	4.46	6.06	1.49 B	3
4	15.4	3.99B	5.44	5.53	22.5	24.7	12.2	2.89	1.09	3.40	5.30	1.52 B	4
5	13.9	3.94B	5.19	5.53	18.5	21.4	13.3	2.61	0.974	2.55	4.46	1.73 B	5
6	12.5	3.91B	4.86	5.92	16.4	27.9	10.1	2.49	0.929	2.32	3.82	2.00 B	6
7	11.5	3.82B	4.94	5.53	14.9	19.5	8.52	2.21	0.872	2.94	3.33	1.86 B	7
8	10.1	3.99B	4.86	5.35	13.7	15.2	8.41	1.98	0.838	5.97	3.00	1.93 B	8
9	9.64	3.51B	4.62	5.44	13.9	15.9	7.67	1.90	0.770	4.79	2.83	1.53 B	9
10	9.10	2.97	4.62	5.19	15.1	14.8	7.28	1.68	0.753	3.89	2.66	1.71 B	10
11	8.46	3.51B	4.70	5.11	14.8	13.7	9.20	1.47	0.719	3.40	2.49	1.90 B	11
12	7.86	4.39B	4.62	5.03	14.9	12.6	8.07	1.35	0.685	2.83	5.64	1.50 B	12
13	7.50	5.01B	4.78	4.94	18.0	12.2	7.67	1.22	0.668	2.44	5.72	1.25 B	13
14	6.65B	5.41B	4.86	4.78	18.9	13.0	8.41	1.13	0.651	2.21	4.62	1.34 B	14
15	6.26B	6.00B	5.11	4.78	23.5	12.5	8.41	1.02	0.634	2.04	4.46	1.32 B	15
16	5.89B	6.80B	5.35	5.19	20.9	12.6	7.67	0.906	0.600	2.21	4.79	1.36 B	16
17	5.66B	7.39B	5.53	5.73	19.5	13.6	7.97	0.855	0.566	2.61	4.39	1.27 B	17
18	5.44B	8.46	5.35	5.73	21.8	12.1	7.57	0.821	0.538	2.55	3.89	1.53 B	18
19	5.55B	9.78	5.19	5.92	30.3	12.0	7.57	0.753	0.552	2.32	3.54	1.80 B	19
20	5.66B	10.7	5.11	6.62	37.4	18.0	7.57	0.753	0.538	2.27	3.19	1.62 B	20
21	5.73	9.29E	5.19	7.74	42.0	18.0	6.91	0.838	0.566	2.04	3.00	1.40 B	21
22	5.82	7.90E	5.32E	7.74	34.5	14.2	6.23	0.838	0.600	1.77	3.11	1.28 B	22
23	7.39	6.51	5.44	9.37	31.7	14.0	5.89	0.787	0.702	1.64	2.94	1.33 B	23
24	6.95	6.51	5.03	26.1	38.3	13.6	5.80	0.736	0.736	1.60	2.78	1.40 B	24
25	6.62	6.21	5.19	30.1	48.3	13.6	5.86E	0.702	0.770	1.56	2.55	1.37 B	25
26	6.21	5.92	5.44	22.7	40.8	16.7	5.89	0.702	0.753	1.51	2.49	1.27 B	26
27	6.40	5.63	5.44	18.5	30.3	15.5	5.30	0.685	0.770	1.90	2.32	1.32 B	27
28	5.92	5.49E	5.53	16.5	27.1	14.0	4.87	0.668	0.804	3.11	1.85	1.20 B	28
29	6.21		5.92	29.9	28.4	13.0	4.46	0.634	0.974	3.68	1.72B	1.10 B	29
30	5.63		6.11	32.7	33.7	20.2	4.11	0.736	1.13	3.00	1.65B	1.02 B	30
31	5.53		5.82		30.0		3.75	0.702		2.72		0.915B	31
TOTAL	277.98	160.46	161.53	310.65	840.6	491.4	249.56	43.406	23.025	87.57	116.21	45.565	TOTAL
MEAN	8.97	5.73	5.21	10.4	27.1	16.4	8.05	1.40	0.767	2.82	3.87	1.47	MEAN
MAX	24.1	10.7	6.11	32.7	53.2	27.9	16.0	3.40	1.30	6.82	9.09	2.00	MAX
MIN	5.44	2.97	4.62	4.78	13.7	12.0	3.75	0.634	0.538	1.02	1.65	0.915	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.69
MAXIMUM DAILY, 53.2 ON MAY 1
MINIMUM DAILY, 0.538 ON SEP 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 06 35 N
LONG 120 48 10 W
DRAINAGE AREA, 914 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 000	JUL	21 600
FEB	13 900	AUG	3 750
MAR	14 000	SEP	1 990
APR	26 800	OCT	7 570
MAY	72 600	NOV	10 000
JUN	42 500	DEC	3 940

TOTAL DISCHARGE, 243 000 dam³

COLDWATER RIVER NEAR BROOKMERE - STATION NO. 08LG048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.8	4.06	3.43	3.58	38.2	22.3	13.5	2.49	1.12	1.51	9.85	1.60 B	1
2	14.4	3.65B	3.33	3.46	26.1	22.6	12.0	2.32	1.90	6.16	6.68	1.66 B	2
3	12.5	3.35B	3.42	3.45	21.1	20.8	11.4	2.21	1.36	3.46	4.92	1.42 B	3
4	11.5	3.25B	3.37	3.27	15.5	22.7	12.0	2.06	1.16	2.48	4.44	1.65 B	4
5	10.6	3.15B	3.16	3.47	13.0	21.8	10.8	1.92	1.15	2.02	3.68	1.75 B	5
6	9.84	3.10B	2.94	3.42	11.6	25.3	8.84	1.85	1.09	2.42	3.18	1.67 B	6
7	8.96	3.10B	3.04	3.19	10.7	19.2	7.83	1.75 E	1.02	5.70	2.81	1.85 B	7
8	8.19	3.17B	2.91	3.14	10.1	13.6	7.15	1.65 E	0.972	4.76	2.55	1.40 B	8
9	7.88	3.30B	2.76	3.13	11.3	13.8	6.71	1.55 E	0.923	3.97	2.36	1.50 B	9
10	7.29	2.30B	2.76	2.94	11.4	13.0	7.79	1.45 E	0.894	3.21	2.21	1.65 B	10
11	6.54	2.50B	2.81	2.90	11.0	12.3	7.50	1.37 E	0.870	2.60	2.27	1.40 B	11
12	6.33	3.00B	2.90	2.77	11.6	11.2	6.99	1.30 E	0.840	2.25	5.85	1.20 B	12
13	5.78	3.40B	2.96	2.68	13.9	11.6	7.30	1.26 E	0.811	2.02	4.83	1.20 B	13
14	5.40	3.70B	3.13	2.66	14.9	11.1	7.63	1.20 E	0.793	1.91	4.02	1.20 B	14
15	4.73	4.00B	3.30	2.84	16.8	11.0	7.05	1.13 E	0.776	1.93	4.07	1.16 B	15
16	4.25B	4.45B	3.51	3.46	15.1	12.4	7.08	1.08 E	0.748	2.31	4.01	1.20 B	16
17	4.00B	5.40B	3.35	3.72	14.4	11.7	7.33	1.06 E	0.735	2.37	3.51	1.30 B	17
18	4.00B	5.69B	3.25	3.77	17.0	10.8	6.33	1.04 E	0.707	2.15	3.09	1.50 B	18
19	4.05B	6.65	3.19	4.14	23.8	13.3	6.33	1.02 A	0.686	2.12	2.75	1.65 B	19
20	4.20B	5.79	3.17	5.37	29.5	16.7	5.93	1.10	0.710	1.97	2.62	1.30 B	20
21	4.39	4.86	3.22	5.20	32.7	14.4	5.40	1.14	0.779	1.82	2.76	1.20 B	21
22	5.10	4.40	3.25	5.61	27.4	12.4	5.00	1.04	0.873	1.64	2.59	1.12 B	22
23	5.99	4.40	3.24	10.9	26.9	13.2	4.88	1.00	0.922	1.59	2.44	1.15 B	23
24	5.53	4.44	3.18	22.5	32.5	12.4	5.44	0.953	0.918	1.54	2.28	1.26 B	24
25	5.14	4.13	3.27	18.1	39.3	13.4	5.12	0.928	0.910	1.50	2.08	1.20 B	25
26	4.82	3.89	3.42	13.8	29.4	14.4	4.48	0.917	0.890	1.61	2.00	1.15 B	26
27	4.75	3.68	3.43	12.1	25.7	14.3	4.17	0.887	0.917	2.40	1.81	1.20 B	27
28	4.98	3.53	3.49	13.2	24.8	12.6	3.80	0.870	1.12	3.07	1.67	1.10 B	28
29	5.12		3.70	20.5	25.9	14.5	3.35	0.860	1.38	2.97	1.55B	0.960B	29
30	4.89		3.65	24.6	30.1	16.4	2.97	0.917	1.21	2.40	1.45B	0.900B	30
31	4.69		3.61		27.1		2.72	0.917		5.11		0.830B	31
TOTAL	213.64	110.34	100.15	213.87	658.8	455.2	214.82	41.239	29.184	82.97	100.33	41.330	TOTAL
MEAN	6.89	3.94	3.23	7.13	21.3	15.2	6.93	1.33	0.973	2.68	3.34	1.33	MEAN
MAX	17.8	6.65	3.70	24.6	39.3	25.3	13.5	2.49	1.90	6.16	9.85	1.85	MAX
MIN	4.00	2.30	2.76	2.66	10.1	10.8	2.72	0.860	0.686	1.50	1.45	0.830	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.20
MAXIMUM DAILY, 39.3 ON MAY 25
MINIMUM DAILY, 0.686 ON SEP 19
MAXIMUM INSTANTANEOUS,
47.4 AT 05:45 PST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 20 N
LONG 120 54 27 W
DRAINAGE AREA, 316 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 500	JUL	18 600
FEB	9 530	AUG	3 560
MAR	8 650	SEP	2 520
APR	18 500	OCT	7 170
MAY	56 900	NOV	8 670
JUN	39 300	DEC	3 570

TOTAL DISCHARGE, 195 800 dam³

COLQUITZ RIVER AT HYACINTH ROAD - STATION NO. 08HA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.20	0.312	0.595	0.246	0.282	0.030	0.077	0.018	0.050	---	---	---	1
2	2.73	0.298	0.537	0.342	0.261	0.028	0.072	0.020	0.042	---	---	---	2
3	2.30	0.304	0.565	0.323	0.352	0.039	0.107	0.019	0.030	---	---	---	3
4	2.26	0.295	0.530	0.281	0.262	0.231	0.090	0.018	0.027	---	---	---	4
5	1.95	0.279	0.478	0.801	0.832	0.350	0.077	0.017	0.027	---	---	---	5
6	1.60	0.265	0.452	0.651	0.720	0.101	0.065	0.013	0.028	---	---	---	6
7	1.39	0.259	0.422	0.574	0.285	0.071	0.064	0.017	0.023	---	---	---	7
8	1.25	0.260	0.424	0.696	0.209	0.388	0.052	0.018	0.022	---	---	---	8
9	1.05	0.224	0.397	0.588	0.184	0.212	0.044	0.030	0.022	---	---	---	9
10	0.858	0.102	0.356	0.409	0.192	0.200	0.041	0.040	0.023	---	---	---	10
11	0.760	0.127	0.326	0.420	0.155	0.135	0.042	0.042	0.038	---	---	---	11
12	0.689	0.337	0.332	0.476	0.128	0.126	0.054	0.035	0.032	---	---	---	12
13	0.618	0.542	0.306	0.419	0.133	0.118	0.053	0.073	0.027	---	---	---	13
14	0.566	1.60	0.277	0.379	0.123	0.110	0.036	0.100	0.033	---	---	---	14
15	0.528	2.09	0.273	0.351	0.119	0.116	0.053	0.101	0.036	---	---	---	15
16	0.488	4.03	0.283	0.350	0.103	0.129	0.055	0.098	0.035	---	---	---	16
17	0.422	5.09	0.264	0.311	0.107	0.109	0.055	0.069	0.047	---	---	---	17
18	0.444	3.99	0.276	0.280	0.095	0.333	0.057	0.053	0.054	---	---	---	18
19	0.429	3.90	0.251	0.256	0.086	0.195	0.056	0.034	0.066	---	---	---	19
20	0.402	3.17	0.260	0.249	0.074	0.141	0.046	0.027	0.061	---	---	---	20
21	0.381	2.16	0.245	0.282	0.062	0.131	0.035	0.018	0.098	---	---	---	21
22	0.323	1.38	0.231	0.274	0.051	0.118	0.029	0.015	0.039A	---	---	---	22
23	0.421	0.948	0.212	0.242	0.050	0.126	0.028	0.009	---	---	---	---	23
24	0.384	0.760	0.237	0.217	0.109	0.109	0.023	0.007	---	---	---	---	24
25	0.351	1.09	0.210	0.196	0.052	0.089	0.025	0.011	---	---	---	---	25
26	0.349	1.04	0.186	0.186	0.039	0.074	0.035	0.029	---	---	---	---	26
27	0.466	0.779	0.162	0.392	0.041	0.069	0.042	0.031	---	---	---	---	27
28	0.536	0.680	0.155	0.331	0.034	0.063	0.043	0.022	---	---	---	---	28
29	0.363		0.220	0.326	0.032	0.065	0.031	0.019	---	---	---	---	29
30	0.325		0.223	0.306	0.033	0.074	0.024	0.021	---	---	---	---	30
31	0.306		0.282		0.029		0.020	0.045		---		---	31
TOTAL	28.139	36.311	9.967	11.154	5.234	4.080	1.531	1.069	---	---	---	---	TOTAL
MEAN	0.908	1.30	0.322	0.372	0.169	0.136	0.049	0.034	---	---	---	---	MEAN
MAX	3.20	5.09	0.595	0.801	0.832	0.388	0.107	0.101	---	---	---	---	MAX
MIN	0.306	0.102	0.155	0.186	0.029	0.028	0.020	0.007	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.09 ON FEB 17
MINIMUM DAILY, 0.007 ON AUG 24
MAXIMUM INSTANTANEOUS,
5.44 AT 04:11 PST ON FEB 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 09 N
LONG 123 24 08 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 430	JUL	132
FEB	3 140	AUG	92.4
MAR	861	SEP	---
APR	964	OCT	---
MAY	452	NOV	---
JUN	353	DEC	---

COLQUITZ RIVER AT VIOLET AVENUE - STATION NO. 08HA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.342	0.630	1.82	1
2	---	---	---	---	---	---	---	---	---	0.273	0.394	3.06	2
3	---	---	---	---	---	---	---	---	---	0.243	0.344	2.53	3
4	---	---	---	---	---	---	---	---	---	0.165	0.307	2.08	4
5	---	---	---	---	---	---	---	---	---	0.200	0.254	2.60	5
6	---	---	---	---	---	---	---	---	---	0.268	0.233	2.53	6
7	---	---	---	---	---	---	---	---	---	0.293	0.213	2.24	7
8	---	---	---	---	---	---	---	---	---	0.278	0.199	1.85	8
9	---	---	---	---	---	---	---	---	0.041A	0.266	0.193	1.86	9
10	---	---	---	---	---	---	---	---	0.039	0.202	0.200	3.08	10
11	---	---	---	---	---	---	---	---	0.061	0.182	0.256	3.12	11
12	---	---	---	---	---	---	---	---	0.075	0.169	0.330	2.61	12
13	---	---	---	---	---	---	---	---	0.071	0.151	0.262	2.09	13
14	---	---	---	---	---	---	---	---	0.064	0.139	0.853	1.97	14
15	---	---	---	---	---	---	---	---	0.061	0.127	1.19	3.28	15
16	---	---	---	---	---	---	---	---	0.056	0.118	0.845	2.98	16
17	---	---	---	---	---	---	---	---	0.052	0.114	0.720	2.29	17
18	---	---	---	---	---	---	---	---	0.052	0.101	0.649	2.22	18
19	---	---	---	---	---	---	---	---	0.071	0.102	0.539	2.57	19
20	---	---	---	---	---	---	---	---	0.095	0.077	0.495	2.31	20
21	---	---	---	---	---	---	---	---	0.177	0.070	1.01	1.85	21
22	---	---	---	---	---	---	---	---	0.064	0.074	1.92	1.48	22
23	---	---	---	---	---	---	---	---	0.045	0.060	1.60	1.27	23
24	---	---	---	---	---	---	---	---	0.093	0.055	1.04	1.38	24
25	---	---	---	---	---	---	---	---	0.054	0.052	0.715	1.20	25
26	---	---	---	---	---	---	---	---	0.074	0.084	0.558	1.33	26
27	---	---	---	---	---	---	---	---	0.249	0.079	0.476	1.22	27
28	---	---	---	---	---	---	---	---	0.213	0.091	0.421	1.26	28
29	---		---	---	---	---	---	---	0.099	0.071	0.425	0.987	29
30	---		---	---	---	---	---	---	0.086	0.145	0.663	0.927	30
31	---		---		---		---	---		0.676		0.861	31
TOTAL	---	---	---	---	---	---	---	---	---	5.267	17.930	62.855	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.170	0.598	2.03	MEAN
MAX	---	---	---	---	---	---	---	---	---	0.676	1.92	3.28	MAX
MIN	---	---	---	---	---	---	---	---	---	0.052	0.193	0.861	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 03 N
LONG 123 23 56 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	455
MAY	---	NOV	1 550
JUN	---	DEC	5 430

COLUMBIA RIVER ABOVE MAGLE CREEK - STATION NO. 08ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.9	1 070	496	650	210	314	154	915	1 150	431	127	785	1
2	388	1 090	552	635	144	331	281	1 360	1 160	257	153	813	2
3	557	1 090	557	660	245	284A	419	1 470	1 160	283	355	825	3
4	808	1 080	451	557	397	241	384	1 400	1 160	278	265	823	4
5	942	1 080	533	394	390	320	396	1 420	733	462	330	415	5
6	931	1 070	519	386	278	210	467	1 470	711	493	430	537	6
7	865	1 080	617	495	362	314	569	1 580	599	358	195	734	7
8	643	1 080	521	514	512	334	534	1 510	660	381	384	610	8
9	603	1 050	486	594	579	381	302	1 530	858	144	390	615	9
10	602	1 010	539	669	569	301	288	1 550	757	232	223	614	10
11	579	1 010	615	643	512	342	17.1	1 500	659	401	46.2	620	11
12	778	1 080	744	640	453	257	16.2	1 490	672	400	135	583	12
13	834	1 010	710	583	479	207	273	1 530	728	419	187	678	13
14	814	778	727	367	484	202	288	1 490	683	360	291	789	14
15	868	755	756	416	300	345	304	1 480	734	322	306	808	15
16	913	889	807	446	263	298	302	1 540	801	312	534	654	16
17	722	899	785	352	271	288	226	1 550	805	178	376	620	17
18	648	843	698	285	319	298	283	1 510	775	497	493	736	18
19	818	792	540	226	403	308	329	1 450	623	536	628	584	19
20	806	868	532	525	407	356	350	1 300	654	523	475	579	20
21	706	580	406	373	312	275	373	1 340	696	408	248	651	21
22	981	570	373	300	253	364	498	1 320	545	638	460	534	22
23	952	830	437	285	232	337	544	1 210	405	534	623	546	23
24	803	815	498	289	174	345	705	1 150	512	475	388	395	24
25	1 050	714	287	265	257	334	618	1 170	704	645	585	334	25
26	1 010	793	443	210	282	344	688	1 180	757	488	512	610	26
27	1 040	527	436	341	256	299	840	1 190	689	535	482	617	27
28	960	505	437	239	249	224	803	1 210	662	175	404	558	28
29	1 070		548	151	248	319	881	1 290	575	204	650	631	29
30	1 060		600	159	245	392	667	1 290	513	183	753	700	30
31	1 070		710		215		955	1 200		30.3		595	31
TOTAL	24 851.9	24 958	17 360	12 649	10 300	9 164	13 754.3	42 595	22 140	11 582.3	11 428.2	19 593	TOTAL
MEAN	802	891	560	422	332	305	444	1 370	738	374	381	632	MEAN
MAX	1 070	1 090	807	669	579	392	955	1 580	1 160	645	753	825	MAX
MIN	30.9	505	287	151	144	202	16.2	915	405	30.3	46.2	334	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 604
MAXIMUM DAILY, 1 580 ON AUG 7
MINIMUM DAILY, 16.2 ON JUL 12
MAXIMUM INSTANTANEOUS,
1 720 AT 06:00 PST ON AUG 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 19 N
LONG 118 35 03 W
DRAINAGE AREA, 21 500 km²
A - MANUAL GAUGE

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 150 000	JUL	1 190 000
FEB	2 160 000	AUG	3 680 000
MAR	1 500 000	SEP	1 910 000
APR	1 090 000	OCT	1 000 000
MAY	890 000	NOV	987 000
JUN	792 000	DEC	1 690 000

TOTAL DISCHARGE, 19 000 000 dam³

COLUMBIA RIVER ABOVE STEAMBOAT RAPIDS - STATION NO. 08ND011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	371	1 220	568	818	558	1 020	959	1 800	1 550	725	266	909	1
2	146	1 220	575A	762	695	1 010	813	1 940	1 590	723	412	867	2
3	479	1 240	647E	722	554	1 120	1 000	2 020	1 420	491	381	980	3
4	776	1 250	638E	748	611	1 110	1 160	2 030	1 280	408	531	950	4
5	985	1 200A	584E	632	704	1 020	1 230	1 990	1 030E	448	444	897	5
6	1 050	1 270E	630E	678	707	1 110	1 210	1 990	950E	681	583	497	6
7	1 030	1 270E	606E	529	596	1 030	1 220	2 120	911E	630	521	688	7
8	819	1 270E	684E	586	729	971	1 070	2 150	815E	549	323	825	8
9	698	1 260E	673E	669	823	928	975	2 120	978E	470	414	727	9
10	753	1 170E	566E	736	903	881	652	2 100	1 000E	302	506	728	10
11	693	1 160E	656E	768	923	879	661	2 140	992E	374	342	741	11
12	729	1 190E	678A	704	878	772	473	2 070	927E	513	205	711	12
13	921	1 210E	832	726	897	722	495	2 100	940E	582	302	650	13
14	935	1 040A	739	590	920	706	791	2 050	967E	508	372	798	14
15	924	835	806	431	923	762	834	2 000	913E	464	412	869	15
16	996	852	837	593	784	940	869	2 030	1 020	389	541	841	16
17	954	956	877	515	805	907	845	2 090	1 030	389	621	718	17
18	765	1 000	839	413	836	782	855	2 030	1 040	365	590	709	18
19	837	918	724	362	962	747	919	1 970	1 080	648	698	790	19
20	960	914	616	395	1 080	804	965	1 750	794	708	785	650	20
21	870	891	563	696	1 180	841	976	1 790	851	525	525	680	21
22	974	740	463	496	1 180	778	1 050	1 700	809	687	383	674	22
23	1 130	640	477	524	1 220	854	1 000	1 670	615	736	588	598	23
24	1 060	919	501	661	1 150	855	1 270	1 490	519	609	725	584	24
25	945	860	519	666	1 160	828	1 290	1 520	727	628	557	465	25
26	1 170	861	413	616	1 320	942	1 200	1 560	812	781	656	459	26
27	1 140	825	511	393	1 230	918	1 330	1 560	824	685	628	621	27
28	1 160	606	497	583	1 000	819	1 490	1 470	768	626	613	701	28
29	1 140		564	532	884	724	1 560	1 560	820	355	584	610	29
30	1 240		638	453	948	930	1 260	1 610	582	360	760	684	30
31	1 240		759		1 110		1 240	1 540		328		752	31
TOTAL	27 890	28 787	19 680	17 797	28 270	26 710	31 662	57 960	28 554	16 687	15 228	22 373	TOTAL
MEAN	900	1 030	635	593	912	890	1 020	1 870	952	538	508	722	MEAN
MAX	1 240	1 270	877	818	1 320	1 120	1 560	2 150	1 590	781	785	980	MAX
MIN	146	606	413	362	554	706	473	1 470	519	302	205	459	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 881
MAXIMUM DAILY, 2 150 ON AUG 8
MINIMUM DAILY, 146 ON JAN 2
MAXIMUM INSTANTANEOUS,
2 210 AT 21:50 PST ON AUG 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 31 N
LONG 118 12 47 W
DRAINAGE AREA, 26 400 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 410 000	JUL	2 740 000
FEB	2 490 000	AUG	5 010 000
MAR	1 700 000	SEP	2 470 000
APR	1 540 000	OCT	1 440 000
MAY	2 440 000	NOV	1 320 000
JUN	2 310 000	DEC	1 930 000

TOTAL DISCHARGE, 27 800 000 dam³

COLUMBIA RIVER AT ATHALMER - STATION NO. 08NA004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.039	0.942	0.930	0.905	0.960	1.942	1.798	2.003	1.521	1.231	1.106	0.991	1
2	1.030	0.939	0.924	0.899	1.009	1.987	1.826	1.984	1.503	1.225	1.100	0.988	2
3	1.021	0.936	0.924	0.905	1.033	2.012	---	1.960	1.484	1.222	1.100	0.985	3
4	1.015	0.933	0.920	0.899	1.052	2.027	---	1.948	1.457	1.216	1.097	0.981	4
5	1.012	0.927	0.917	0.896	1.085	2.030	---	1.926	1.451	1.207	1.088	0.981	5
6	1.009	0.924	0.920	0.896	1.094	2.027	---	1.905	1.433	1.210	1.088	0.994	6
7	1.009	0.924	0.917	0.887	1.113	2.024	2.076	1.899	1.420	1.204	1.082	1.000	7
8	1.006	0.927	0.917	0.893	1.128	2.021	2.048	1.890	1.414	1.198	1.079	1.000	8
9	1.003	0.924	0.914	0.887	1.149	2.015	2.015	1.881	1.408	1.198	1.076	1.003	9
10	0.997	0.924	0.914	0.887	1.155	1.987	1.984	1.878	1.405	1.189	1.070	1.006	10
11	0.991	0.920	0.914	0.887	1.161	1.960	1.954	1.862	1.396	1.180	1.067	1.009	11
12	0.988	0.917	0.911	0.875	1.170	1.923	1.935	1.850	1.384	1.177	1.079	1.003	12
13	0.985	0.917	0.908	0.869	1.177	1.908	1.923	1.841	1.372	1.173	1.067	0.991	13
14	0.978	0.908	0.908	0.866	1.183	1.890	1.975	1.823	1.359	1.170	1.073	0.972	14
15	0.978	0.911	0.905	0.866	1.186	1.862	1.963	1.804	1.350	1.167	1.064	0.969	15
16	0.972	0.917	0.902	0.863	1.201	1.844	1.969	1.795	1.344	1.164	1.058	0.966	16
17	0.966	0.924	0.902	0.863	1.216	1.835	1.966	1.783	1.341	1.161	1.049	0.963	17
18	0.960	0.933	0.902	0.863	1.222	1.826	1.966	1.762	1.338	1.158	1.052	0.960	18
19	0.957	0.936	0.902	0.866	1.237	1.820	1.984	1.737	1.350	1.155	1.052	0.954	19
20	0.951	0.945	0.899	0.866	1.271	1.804	1.981	1.737	1.338	1.149	1.045	0.951	20
21	0.945	0.945	0.896	0.869	1.320	1.789	1.978	1.725	1.326	1.143	1.045	0.951	21
22	0.948	0.942	0.896	0.878	1.378	1.774	1.975	1.698	1.314	1.140	1.042	0.951	22
23	0.942	0.942	0.899	0.872	1.439	1.753	1.969	1.676	1.298	1.137	1.039	0.948	23
24	0.948	0.942	0.899	0.887	1.521	1.743	1.960	1.658	1.292	1.134	1.033	0.945	24
25	0.954	0.942	0.899	0.902	1.533	1.725	1.975	1.646	1.280	1.128	1.030	0.939	25
26	0.951	0.936	0.896	0.914	1.698	1.722	1.963	1.631	1.268	1.125	1.024	0.936	26
27	0.951	0.936	0.899	0.927	1.798	1.740	1.957	1.618	1.271	1.131	1.012	0.933	27
28	0.954	0.933	0.899	0.930	1.844	1.750	1.969	1.594	1.259	1.131	1.003	0.933	28
29	0.951		0.899	0.936	1.878	1.753	1.996	1.570	1.250	1.119	1.000	0.936	29
30	0.948		0.902	0.939	1.890	1.762	2.027	1.545	1.237	1.109	0.997	0.930	30
31	0.945		0.908		1.902		2.015	1.536		1.113		0.917	31
MEAN	0.978	0.930	0.908	0.890	1.323	1.875	---	1.780	1.362	1.167	1.057	0.967	MEAN
MAX	1.039	0.945	0.930	0.939	1.902	2.030	---	2.003	1.521	1.231	1.106	1.009	MAX
MIN	0.942	0.908	0.896	0.863	0.960	1.722	---	1.536	1.237	1.109	0.997	0.917	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 2.076 ON JUL 7
MINIMUM DAILY, 0.863 ON APR 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 30 56 N
LONG 116 01 08 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 797.896 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NATURAL FLOW

DRAINAGE AREA,
1 340 km²

1 340 ²

COLUMBIA RIVER AT BIRCHBANK - STATION NO. 08NE049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 770	2 960	1 650	1 250	1 390	3 490	3 270	4 120	1 850	1 970	1 380	1 870	1
2	2 730	3 070	1 870	1 240	1 470	3 430	3 290	4 190	1 780	2 000	1 370	1 890	2
3	2 700	3 100	1 970	1 240	1 350	3 420	3 260	4 310	1 980	2 100	1 310	1 920	3
4	2 680	3 090	1 960	1 240	1 210	3 480	3 290	4 150	1 960	1 920	1 290	1 880	4
5	2 720	2 920	1 940	1 070	1 210	3 470	3 570	3 960	1 920	1 490	1 340	1 990	5
6	2 780	3 140	1 910	843	1 200	3 510	4 180	3 890	1 910	1 180	1 380	2 180	6
7	2 800	3 090	1 850	841	1 170	3 480	4 790	3 900	1 900	1 100	1 330	2 250	7
8	2 890	3 080	1 740	842	1 180	3 390	4 650	4 040	1 910	1 040	1 360	2 380	8
9	2 990	3 080	1 580	842	1 190	3 350	4 280	4 000	1 910	1 040	1 560	2 320	9
10	3 050	2 940	1 600	820	1 260	3 340	3 870	3 980	2 020	1 040	1 500	2 330	10
11	2 960	3 120	1 590	816	1 560	3 360	3 400	3 920	2 060	1 160	1 540	2 170	11
12	2 860	2 980	1 490	734	1 570	3 370	3 160	3 890	1 980	1 290	1 630	2 150	12
13	2 880	3 090	1 350	655	1 570	3 250	3 010	3 830	1 800	1 280	1 710	2 080	13
14	2 850	3 100	1 350	668	1 570	3 260	3 650	3 710	1 760	1 220	1 780	2 050	14
15	2 870	2 860	1 290	612	1 640	3 260	4 080	3 550	1 840	1 210	1 890	2 050	15
16	2 870	2 660	1 170	624	1 670	3 270	4 150	3 560	1 840	1 220	1 700	2 030	16
17	2 860	2 580	1 090	557	1 900	3 280	4 100	3 510	1 840	1 560	1 570	2 020	17
18	2 850	2 720	1 090	555	2 170	3 270	4 000	3 570	1 850	1 660	1 780	2 020	18
19	2 820	2 690	1 130	659	2 210	3 270	3 800	3 530	1 860	1 760	1 860	1 960	19
20	2 800	2 690	1 190	828	2 270	3 290	3 770	3 320	1 770	1 750	1 700	2 010	20
21	2 810	2 530	1 190	862	2 340	3 280	3 720	3 230	1 700	1 750	1 600	2 180	21
22	2 820	2 130	1 230	952	2 540	3 250	3 740	3 120	1 710	1 690	1 310	2 270	22
23	2 830	1 820	1 280	942	2 560	3 270	3 630	3 070	1 710	1 650	1 050	2 260	23
24	2 850	1 710	1 280	1 010	2 700	3 220	3 550	3 090	1 700	1 620	1 070	2 270	24
25	2 890	1 720	1 290	1 030	2 910	3 140	3 720	3 010	1 640	1 390	1 100	2 120	25
26	2 980	1 590	1 300	1 090	3 020	3 160	3 670	2 870	1 570	1 290	1 270	2 100	26
27	3 000	1 580	1 310	1 210	2 930	3 190	3 560	3 040	1 750	1 320	1 260	1 840	27
28	2 970	1 550	1 320	1 200	2 980	3 190	3 960	3 040	1 960	1 330	1 190	1 660	28
29	2 860		1 300	1 230	3 190	3 150	4 260	2 870	1 970	1 340	1 580	1 650	29
30	3 010		1 260	1 260	3 290	3 150	4 390	2 800	1 970	1 380	1 870	1 660	30
31	2 950		1 250		3 440		4 470	2 380		1 390		1 830	31
TOTAL	88 700	73 590	44 820	27 722	62 660	99 240	118 200	109 450	55 420	45 150	44 240	63 390	TOTAL
MEAN	2 860	2 630	1 450	924	2 020	3 310	3 810	3 530	1 850	1 460	1 470	2 040	MEAN
MAX	3 050	3 140	1 970	1 260	3 440	3 510	4 790	4 310	2 060	2 100	1 890	2 380	MAX
MIN	2 680	1 550	1 090	555	1 170	3 140	3 010	2 380	1 570	1 040	1 050	1 650	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 280
MAXIMUM DAILY, 4 790 ON JUL 7
MINIMUM DAILY, 555 ON APR 18
MAXIMUM INSTANTANEOUS,
4 980 AT 16:05 PST ON JUL 7

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 40 N
LONG 117 42 59 W
DRAINAGE AREA, 88 100 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 660 000	JUL	10 200 000
FEB	6 360 000	AUG	9 460 000
MAR	3 870 000	SEP	4 790 000
APR	2 400 000	OCT	3 900 000
MAY	5 410 000	NOV	3 820 000
JUN	8 570 000	DEC	5 480 000

TOTAL DISCHARGE, 71 900 000 dam³

COLUMBIA RIVER AT CASTLEGAR - STATION NO. 08NE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 870	1 940	815	719	433	1 420	1 430	2 430	1 390	1 500	732	1 080	1
2	1 840	2 050	1 040	717	428	1 410	1 420	2 560	1 420	1 540	734	1 080	2
3	1 810	2 080	1 120	715	238	1 420	1 420	2 690	1 570	1 650	734	1 080	3
4	1 870	2 090	1 130	713	141	1 420	1 430	2 560	1 540	1 410	736	1 080	4
5	1 890	2 090	1 130	430	144	1 430	1 690	2 400	1 500	1 000	736	1 230	5
6	1 900	2 100	1 140	287	143	1 420	2 180	2 400	1 500	747	737	1 310	6
7	1 890	2 110	1 130	286	144	1 410	2 630	2 480	1 490	671	737	1 420	7
8	1 890	2 100	952	287	143	1 410	2 410	2 610	1 490	631	938	1 530	8
9	1 890	2 100	854	287	144	1 420	2 020	2 610	1 500	632	1 060	1 520	9
10	1 890	2 120	857	286	327	1 420	1 580	2 610	1 590	633	1 050	1 430	10
11	1 770	2 160	856	288	570	1 490	1 220	2 610	1 630	796	1 050	1 300	11
12	1 690	2 200	857	193	571	1 560	979	2 600	1 540	877	1 050	1 300	12
13	1 660	2 190	858	140	571	1 560	965	2 600	1 360	876	1 040	1 220	13
14	1 660	2 170	858	142	570	1 560	1 590	2 540	1 370	876	1 040	1 170	14
15	1 670	1 900	765	143	575	1 560	2 010	2 470	1 420	875	1 040	1 170	15
16	1 670	1 740	712	144	581	1 560	2 140	2 470	1 420	898	1 050	1 170	16
17	1 660	1 710	713	144	839	1 560	2 110	2 470	1 420	915	1 050	1 170	17
18	1 700	1 710	711	142	997	1 560	1 970	2 470	1 420	1 020	1 050	1 160	18
19	1 720	1 700	707	294	993	1 560	1 840	2 350	1 420	1 090	1 050	1 160	19
20	1 720	1 720	702	374	999	1 560	1 840	2 220	1 310	1 090	1 050	1 320	20
21	1 720	1 500	698	377	1 000	1 560	1 840	2 070	1 260	1 090	1 050	1 420	21
22	1 720	1 080	757	372	997	1 560	1 950	1 990	1 260	1 090	777	1 420	22
23	1 730	828	790	396	1 010	1 560	1 960	1 990	1 260	1 080	584	1 420	23
24	1 730	767	791	430	1 170	1 490	1 850	1 990	1 260	1 080	563	1 430	24
25	1 790	730	793	435	1 280	1 410	1 960	1 990	1 170	864	563	1 420	25
26	1 840	681	786	431	1 280	1 420	1 860	1 990	1 130	746	565	1 420	26
27	1 880	679	786	429	1 280	1 420	1 860	2 060	1 360	748	566	1 300	27
28	1 880	681	795	432	1 280	1 420	2 200	2 050	1 500	750	716	1 190	28
29	1 880		739	429	1 290	1 420	2 380	1 980	1 500	742	978	1 190	29
30	1 890		714	428	1 280	1 430	2 590	1 980	1 500	732	1 080	1 190	30
31	1 870		718		1 370		2 650	1 730		732		1 200	31
TOTAL	55 590	46 926	26 274	10 890	22 788	44 400	57 974	71 970	42 500	29 381	26 106	39 500	TOTAL
MEAN	1 790	1 680	848	363	735	1 480	1 870	2 320	1 420	948	870	1 270	MEAN
MAX	1 900	2 200	1 140	719	1 370	1 560	2 650	2 690	1 630	1 650	1 080	1 530	MAX
MIN	1 660	679	698	140	141	1 410	965	1 730	1 130	631	563	1 080	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 300
MAXIMUM DAILY, 2 690 ON AUG 3
MINIMUM DAILY, 140 ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 56 N
LONG 117 40 33 W
DRAINAGE AREA, 36 500 km²

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 800 000	JUL	5 010 000
FEB	4 050 000	AUG	6 220 000
MAR	2 270 000	SEP	3 670 000
APR	941 000	OCT	2 540 000
MAY	1 970 000	NOV	2 260 000
JUN	3 840 000	DEC	3 410 000

TOTAL DISCHARGE, 41 000 000 dam³

COLUMBIA RIVER AT DONALD - STATION NO. 08NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	67.1B	37.9B	41.3B	48.1	140	572	394	569	281	102	69.9A	37.9A	1
2	60.3B	36.0B	40.8B	48.1	178	564	430A	544	280	111	71.6A	37.4B	2
3	53.0B	34.0B	38.8B	46.7	185	580	433	527	256	116	71.9A	36.8B	3
4	49.6B	32.3B	38.5B	44.7	181	583	479	518	238	113	70.0	39.1B	4
5	47.9B	31.1B	39.4B	43.9	173	555	532	498	227	105	66.9	41.9B	5
6	45.6B	30.0B	41.9B	43.6	161	538	575	490	211	99.1	64.2	42.2B	6
7	47.6B	30.6B	41.9B	43.3	156	532	583	484	200	95.7	60.5	42.5B	7
8	50.4B	32.6B	38.2B	42.5	152	510	575	487	197	95.7	59.8	42.8B	8
9	52.7B	34.3B	38.8B	41.9	152	487	541	476	202	97.4	60.7	43.6B	9
10	53.0B	31.7B	39.9B	42.2	154	464	527	462	209	96.3	59.0	44.2B	10
11	52.1B	28.1B	39.4B	42.2	158	447	530	456	206	91.7	57.7	42.2B	11
12	51.5B	29.2B	39.4B	41.3	161	425	530	456	208	86.9	58.6	40.5B	12
13	49.3B	30.6B	39.9B	40.8	166	408	527	456	204	83.8	60.4	34.5B	13
14	48.1B	32.0B	40.8B	39.6	172	394	597	450	193	82.1	61.1	36.0B	14
15	45.0B	34.0B	40.8B	39.6	182	388	640	442	184	80.1	59.4	37.4B	15
16	41.9B	35.7B	40.5B	41.9	188	391	617	442	181	78.4	58.9	39.4B	16
17	38.8B	39.1B	42.8B	44.5	198	382	606	439	184	77.3	57.2	42.5B	17
18	38.5B	42.2B	46.4B	47.3	213	360	597	425	191	76.7	56.1	46.4B	18
19	38.8B	44.2B	45.0B	51.5	240	343	600	416	203	74.8	55.4	46.7B	19
20	40.5B	44.5B	43.0B	55.2	279	328	595	419	227	73.3	55.3	47.0B	20
21	43.3B	43.9B	42.2B	58.9	337	314	586	408	202	71.9	55.4	46.7B	21
22	44.5B	43.6B	43.0B	63.7	408	303	609	388	187	68.5	55.2	45.6B	22
23	44.7B	42.5B	44.7B	66.5	450	294	595	379	170	66.0	54.5	45.0B	23
24	44.7B	42.2B	45.9B	85.5	490	283	575	377	153	65.7	52.7	45.3B	24
25	44.5B	42.5B	45.6B	110	535	276	555	377	138	66.5	47.7	45.6B	25
26	44.2B	42.5B	43.9B	116	592	292	538	379	127	68.5	42.1	46.2B	26
27	42.8B	42.2B	44.7B	112	620	326	532	374	118	70.2	34.1	45.9B	27
28	41.6B	41.1B	45.3B	107	566	326	549	348	113	71.9	34.6	43.0B	28
29	40.5B		45.6B	108	521	317	558	326	109	74.5A	34.9	39.4B	29
30	40.5B		46.7B	113	527	331	583	314	105	74.5A	37.1	34.5B	30
31	39.9B		48.1B		558		592	297		72.2A		31.1B	31
TOTAL	1 442.9	1 030.6	1 313.2	1 829.5	9 193	12 313	17 180	13 423	5 704	2 606.7	1 682.9	1 289.3	TOTAL
MEAN	46.5	36.8	42.4	61.0	297	410	554	433	190	84.1	56.1	41.6	MEAN
MAX	67.1	44.5	48.1	116	620	583	640	569	281	116	71.9	47.0	MAX
MIN	38.5	28.1	38.2	39.6	140	276	394	297	105	65.7	34.1	31.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 189
MAXIMUM DAILY, 640 ON JUL 15
MINIMUM DAILY, 28.1B ON FEB 11
MAXIMUM INSTANTANEOUS,
650 AT 01:15 MST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 00 N
LONG 117 10 45 W
DRAINAGE AREA, 9 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	125 000	JUL	1 480 000
FEB	89 000	AUG	1 160 000
MAR	113 000	SEP	493 000
APR	158 000	OCT	225 000
MAY	794 000	NOV	145 000
JUN	1 060 000	DEC	111 000

TOTAL DISCHARGE, 5 950 000 dam³

COLUMBIA RIVER AT HUGH KEENLEYSIDE DAM TAILRACE - STATION NO. 08NE105

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.981	25.049	22.913	22.689	22.041	24.799	24.639	26.010	23.980	24.234	22.449	23.452	1
2	24.934	25.198	23.460	22.680	22.048	24.743	24.630	26.157	23.987	24.296	22.458	23.450	2
3	24.881	25.254	23.671	22.674	21.433	24.752	24.607	26.308	24.285	24.470	22.451	23.443	3
4	24.950	25.264	23.680	22.676	20.974	24.790	24.637	26.123	24.239	24.063	22.448	23.443	4
5	25.010	25.228	23.673	22.017	21.008	24.795	25.045	25.918	24.171	23.142	22.454	23.729	5
6	25.028	25.283	23.665	21.448	21.002	24.807	25.864	25.882	24.167	22.499	22.461	23.947	6
7	25.023	25.279	23.646	21.454	20.942	24.777	26.598	25.951	24.165	22.277	22.444	24.126	7
8	25.055	25.269	23.308	21.462	20.950	24.706	26.344	26.124	24.164	22.142	22.907	24.345	8
9	25.099	25.269	23.021	21.449	20.951	24.680	25.805	26.104	24.182	22.140	23.325	24.331	9
10	25.106	25.237	23.031	21.439	21.446	24.682	25.137	26.097	24.340	22.125	23.318	24.213	10
11	24.944	25.325	23.025	21.442	22.332	24.745	24.496	26.071	24.432	22.567	23.326	23.933	11
12	24.812	25.302	23.010	21.114	22.329	24.838	24.023	26.057	24.268	22.845	23.330	23.919	12
13	24.764	25.316	22.991	20.823	22.316	24.758	23.922	26.032	23.930	22.853	23.339	23.793	13
14	24.765	25.321	22.990	20.834	22.305	24.766	25.072	25.930	23.941	22.854	23.351	23.703	14
15	24.777	24.943	22.759	20.836	22.360	24.765	25.678	25.806	24.047	22.852	23.372	23.693	15
16	24.778	24.701	22.583	20.844	22.382	24.783	25.788	25.806	24.044	22.907	23.348	23.684	16
17	24.768	24.691	22.585	20.838	23.015	24.790	25.760	25.791	24.043	22.996	23.347	23.683	17
18	24.803	24.718	22.582	20.816	23.504	24.781	25.587	25.809	24.048	23.242	23.386	23.683	18
19	24.818	24.704	22.567	21.317	23.520	24.773	25.348	25.680	24.048	23.434	23.402	23.661	19
20	24.817	24.727	22.558	21.762	23.561	24.783	25.328	25.483	23.851	23.430	23.369	23.920	20
21	24.818	24.391	22.545	21.778	23.603	24.778	25.296	25.291	23.729	23.431	23.339	24.159	21
22	24.817	23.680	22.684	21.766	23.706	24.766	25.416	25.167	23.742	23.416	22.672	24.183	22
23	24.832	23.064	22.790	21.811	23.698	24.773	25.360	25.152	23.748	23.404	22.034	24.186	23
24	24.832	22.905	22.788	21.970	24.021	24.652	25.209	25.150	23.739	23.393	21.926	24.200	24
25	24.910	22.812	22.794	21.975	24.287	24.521	25.418	25.128	23.565	22.898	21.931	24.176	25
26	25.006	22.578	22.787	21.956	24.346	24.539	25.274	25.083	23.451	22.497	21.975	24.168	26
27	25.053	22.571	22.784	21.975	24.291	24.557	25.222	25.221	23.903	22.509	21.967	23.928	27
28	25.017	22.560	22.803	21.972	24.314	24.558	25.758	25.220	24.213	22.523	22.350	23.679	28
29	24.989		22.733	21.960	24.460	24.537	26.058	25.083	24.222	22.499	23.097	23.675	29
30	25.032		22.678	21.963	24.522	24.548	26.312	25.062	24.217	22.461	23.453	23.692	30
31	24.992		22.696		24.716		26.366	24.612		22.452		23.739	31
MEAN	24.916	24.521	22.961	21.658	22.787	24.718	25.355	25.655	24.029	22.995	22.834	23.869	MEAN
MAX	25.106	25.325	23.680	22.689	24.716	24.838	26.598	26.308	24.432	24.470	23.453	24.345	MAX
MIN	24.764	22.560	22.545	20.816	20.942	24.521	23.922	24.612	23.451	22.125	21.926	23.443	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 23.859
MAXIMUM DAILY, 26.598 ON JUL 7
MINIMUM DAILY, 20.816 ON APR 18
MAXIMUM INSTANTANEOUS,
26.868 AT 15:06 PST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 20 N
LONG 117 45 51 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 090	3 680	2 540	1 850	2 430	6 570	4 960	4 620	2 120	2 310	2 120	2 400	1
2	3 260	3 770	2 720	1 850	2 610	6 460	4 730	4 590	1 940	2 590	2 160	2 320	2
3	2 920	3 850	2 730	1 920	2 590	6 340	4 670	4 840	2 230	2 750	2 190	2 410	3
4	2 920	3 880	2 920	1 970	2 320	6 170	4 530	4 640	2 240	2 650	2 200	2 440	4
5	3 090	3 710	2 830	1 830	2 360	5 950	4 840	4 390	2 140	2 180	2 140	2 490	5
6	3 030	3 910	2 860	1 540	2 310	6 000	5 580	4 360	2 080	1 850	2 340	2 660	6
7	3 060	3 910	2 760	1 520	2 260	5 970	6 430	4 160	2 120	1 780	2 290	2 800	7
8	3 450	3 790	2 670	1 490	2 280	5 970	6 200	4 450	2 200	1 760	2 060	2 920	8
9	3 740	3 850	2 500	1 420	2 360	6 230	5 920	4 360	2 220	1 740	2 350	2 940	9
10	3 910	3 680	2 460	1 360	2 400	6 120	5 470	4 420	2 450	1 730	2 440	2 920	10
11	3 740	3 910	2 500	1 330	2 770	6 140	4 870	4 300	2 620	1 800	2 380	2 790	11
12	3 600	3 710	2 430	1 350	2 740	6 090	4 640	4 280	2 590	1 970	2 470	2 670	12
13	3 650	3 820	2 270	1 240	2 730	5 830	4 220	4 220	2 260	1 970	2 490	2 620	13
14	3 790	3 940	2 380	1 300	2 730	5 780	4 640	4 050	2 260	1 970	2 520	2 590	14
15	3 710	3 770	2 160	1 230	2 860	5 410	5 130	3 910	2 320	2 030	2 790	2 590	15
16	3 680	3 510	1 930	1 160	2 940	5 320	4 900	3 910	2 290	1 990	2 340	2 540	16
17	3 550	3 850	1 800	1 140	3 090	5 470	4 930	3 790	2 250	2 250	2 270	2 550	17
18	3 570	3 570	2 010	1 190	3 510	5 410	4 980	3 910	2 240	2 390	2 340	2 550	18
19	3 450	3 450	1 920	1 250	3 480	5 470	4 790	3 880	2 170	2 530	2 380	2 270	19
20	3 430	3 430	2 090	1 470	3 540	5 580	4 730	3 620	2 100	2 520	2 280	2 380	20
21	3 450	3 170	2 050	1 460	3 880	5 720	4 620	3 600	2 160	2 510	2 040	2 740	21
22	3 430	2 810	2 090	1 650	4 330	5 920	4 470	3 370	2 220	2 500	1 810	2 830	22
23	3 400	2 470	2 200	1 750	4 730	5 970	4 360	3 230	2 230	2 350	1 550	2 760	23
24	3 510	2 410	2 110	1 950	5 130	6 090	4 190	3 310	2 410	2 310	1 570	2 680	24
25	3 620	2 450	2 180	2 060	5 610	5 920	4 360	3 260	2 320	2 330	1 630	2 670	25
26	3 740	2 430	2 140	2 060	5 950	5 660	4 360	3 090	2 010	2 170	1 810	2 510	26
27	3 740	2 520	2 120	2 260	6 000	5 520	4 020	3 230	2 010	2 120	1 780	2 340	27
28	3 740	2 440	2 070	2 230	6 000	5 300	4 560	3 340	2 230	2 160	1 690	2 190	28
29	3 650		2 060	2 260	6 200	5 150	4 980	3 090	2 310	2 190	1 930	2 080	29
30	3 790		1 960	2 280	6 340	4 980	5 010	2 970	2 230	2 300	2 380	2 150	30
31	3 680		1 900		6 600		5 240	2 770		2 290		2 230	31
TOTAL	108 490	95 290	71 360	49 370	115 080	174 510	151 330	119 960	66 970	67 990	64 740	79 030	TOTAL
MEAN	3 500	3 400	2 300	1 650	3 710	5 820	4 880	3 870	2 230	2 190	2 160	2 550	MEAN
MAX	3 910	3 940	2 920	2 280	6 600	6 570	6 430	4 840	2 620	2 750	2 790	2 940	MAX
MIN	2 920	2 410	1 800	1 140	2 260	4 980	4 020	2 770	1 940	1 730	1 550	2 080	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 190
MAXIMUM DAILY, 6 600 ON MAY 31
MINIMUM DAILY, 1 140 ON APR 17
MAXIMUM INSTANTANEOUS,
6 650 AT 18:15 PST ON MAY 31

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 03 N
LONG 117 37 40 W
DRAINAGE AREA, 155 000 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 370 000	JUL	13 100 000
FEB	8 230 000	AUG	10 400 000
MAR	6 170 000	SEP	5 790 000
APR	4 270 000	OCT	5 870 000
MAY	9 940 000	NOV	5 590 000
JUN	15 100 000	DEC	6 830 000

TOTAL DISCHARGE, 101 000 000 dam³

COLUMBIA RIVER AT NICHOLSON - STATION NO. 08NA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.5B	29.4B	33.1	32.1	64.6	343	213	347	193	60.0	42.4	25.1	1
2	52.4B	28.0B	32.0	32.5	81.2	350	224	346	180	59.5	43.5	24.9B	2
3	45.3B	26.6B	30.3	31.2	99.5	355	238	342	172	65.8	44.5	24.4B	3
4	41.6B	25.5B	29.9	30.3	103	358	255	337	161	68.3	42.4	25.8B	4
5	39.6B	24.6B	30.5	29.6	98.8	357	273	330	148	61.8	41.7	27.8B	5
6	37.1B	23.9B	32.1	29.9	95.8	355	293	322	135	57.2	39.0	27.8B	6
7	37.9B	24.5B	31.8	29.9	89.0	353	314	309	124	55.8	37.1	28.1B	7
8	39.6B	26.1B	28.8	29.0	85.2	349	341	302	117	55.5	36.9	28.3B	8
9	40.8B	27.5B	29.2	28.5	83.9	341	367	292	116	57.8	38.9	28.9B	9
10	40.5B	25.3B	29.8	28.7	83.9	332	380	287	120	56.9	38.1	29.4B	10
11	39.1B	22.9B	29.4	28.7	86.3	324	380	283	127	53.8	36.6	28.1B	11
12	38.2B	23.5B	28.8	28.0	88.6	307	376	280	128	50.7	36.2	26.9B	12
13	36.2B	24.6B	29.2	27.6	91.4	291	371	279	126	49.6	38.5	23.4B	13
14	35.1B	25.9B	29.6	27.5	93.0	277	368	278	122	48.1	39.4	23.5B	14
15	32.6B	27.3B	29.2	27.1	96.8	262	361	276	114	47.3	38.3	24.6B	15
16	30.3B	28.9B	29.0	27.5	101	250	355	276	107	46.8	37.9	25.9B	16
17	28.3B	31.4B	30.5	29.0	108	241	351	276	106	46.0	37.3	28.0B	17
18	28.0B	34.0B	32.9	30.7	113	234	348	274	110	45.5	36.7	30.6B	18
19	28.6B	35.7B	31.8	31.2	117	227	346	272	114	44.7	36.2	31.1B	19
20	30.0B	36.0B	30.1	31.8	134	222	346	270	124	43.5	36.2	31.1B	20
21	32.0B	35.7B	29.2	33.4	152	214	345	266	128	43.0	36.2	30.6B	21
22	33.1B	35.1B	30.1	35.1	177	207	348	260	119	40.9	36.2	30.0B	22
23	33.4B	34.7	30.7	36.2	195	201	350	255	105	39.4	36.0	29.7B	23
24	33.7B	34.3	32.3	39.9	218	193	353	248	93.0	40.4	34.9	29.7B	24
25	33.7B	34.7	31.8	54.4	234	186	353	244	81.5	41.2	33.1	30.3B	25
26	33.4B	34.7	30.1	66.8	257	182	347	234	73.0	41.2	26.5	30.6B	26
27	32.6B	34.3	31.8	64.3	278	184	344	228	68.3	42.7	22.7	30.3B	27
28	31.7B	33.4	31.2	58.6	291	190	342	222	65.5	44.7	22.1	28.3B	28
29	31.1B		31.2	57.5	303	197	341	217	64.3	46.5	21.7	25.9B	29
30	31.1B		32.1	59.7	318	201	347	209	62.7	47.0	24.0	22.9B	30
31	30.9B		32.5		332		348	201		45.0		20.7B	31
TOTAL	1 117.4	828.5	951.0	1 096.7	4 669.0	8 083	10 318	8 562	3 504.3	1 546.6	1 071.2	852.7	TOTAL
MEAN	36.0	29.6	30.7	36.6	151	269	333	276	117	49.9	35.7	27.5	MEAN
MAX	59.5	36.0	33.1	66.8	332	358	380	347	193	68.3	44.5	31.1	MAX
MIN	28.0	22.9	28.8	27.1	64.6	182	213	201	62.7	39.4	21.7	20.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 117
MAXIMUM DAILY, 380 ON JUL 10
MINIMUM DAILY, 20.7B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 14 38 N
LONG 116 54 42 W
DRAINAGE AREA, 6 660 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96 500	JUL	891 000
FEB	71 600	AUG	740 000
MAR	82 200	SEP	303 000
APR	94 800	OCT	134 000
MAY	403 000	NOV	92 600
JUN	698 000	DEC	73 700

TOTAL DISCHARGE, 3 680 000 dam³

COLUMBIA RIVER AT REVELSTOKE - STATION NO. 08ND002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.504	10.387	9.485	9.892	9.527	12.088	13.446	13.812	13.744	12.982	12.502	12.412	1
2	9.035	10.378	9.505	9.791	9.753	12.155	13.491	13.825	13.833	12.874	12.519	12.400	2
3	9.508	10.357	9.596	9.730	9.842	12.347	13.587	13.806	13.856	12.736	12.528	12.440	3
4	9.932	10.364	9.565	9.767	9.552	12.470	13.715	13.783	13.876	12.587	12.549	12.443	4
5	10.195	10.330	9.452	9.582	9.752	12.554	13.882	13.772	13.858	12.546	12.556	12.463	5
6	10.278	10.385	9.551	9.297	9.710	12.709	13.951	13.777	13.823	12.582	12.589	12.270	6
7	10.235	10.389	9.495	9.409	9.501	12.820	13.966	13.814	13.784	12.633	12.618	12.227	7
8	9.889	10.378	9.605	9.508	9.795	12.902	13.881	13.829	13.737	12.686	12.588	12.162	8
9	9.686	10.367	9.608	9.633	9.936	12.957	13.806	13.826	13.722	12.715	12.555	12.058	9
10	9.778	10.234	9.388	9.740	10.062	12.993	13.758	13.817	13.712	12.704	12.520	12.032	10
11	9.699	10.202	9.573	9.791	10.064	12.961	13.790	13.830	13.659	12.694	12.461	11.928	11
12	9.694	10.254	9.694	9.689	9.975	12.956	13.818	13.809	13.588	12.683	12.372	11.880A	12
13	10.011	10.284	9.913	9.728	10.030	12.954	13.968	13.811	13.550	12.698	12.301	11.885E	13
14	10.023	10.110	9.747	9.514	10.062	12.978	14.039	13.794	13.525	12.690	12.271	11.900E	14
15	10.000	9.910	9.855	9.220	10.086	12.998	14.029	13.770	13.494	12.668	12.229	11.915E	15
16	10.126	9.935	9.911	9.508	9.900	13.068	13.981	13.787	13.480	12.637	12.165	11.925E	16
17	10.056	10.069	9.972	9.384	9.979	13.095	13.941	13.797	13.473	12.599	12.147	11.880E	17
18	9.791	10.126	9.897	9.196	10.068	13.114	13.889	13.779	13.471	12.548	12.116	11.700E	18
19	9.905	10.016	9.722	9.102	10.313	13.095	13.904	13.761	13.485	12.527	12.139	11.580E	19
20	10.081	9.992	9.560	9.157	10.497	13.108	13.910	13.740	13.455	12.494	12.153	11.450E	20
21	9.956	9.947	9.465	9.710	10.708	13.104	13.908	13.752	13.462	12.447	12.072	11.340E	21
22	10.101	9.758	9.278	9.371	10.799	13.107	13.917	13.745	13.435	12.429	12.040	11.360E	22
23	10.272	9.605	9.318	9.446	10.964	13.110	13.894	13.747	13.388	12.419	12.065	11.380E	23
24	10.195	10.014	9.353	9.723	11.026	13.101	13.905	13.719	13.307	12.360	12.166	11.140E	24
25	10.046	9.910	9.392	9.675	11.184	13.119	13.938	13.732	13.260	12.358	12.189	10.900E	25
26	10.346	9.906	9.180	9.566	11.479	13.166	13.921	13.729	13.250	12.412	12.250	10.680E	26
27	10.282	9.878	9.387	9.142	11.518	13.226	13.953	13.713	13.248	12.455	12.286	10.700E	27
28	10.310	9.539	9.359	9.527	11.539	13.265	14.008	13.669	13.189	12.508	12.368	10.720E	28
29	10.266		9.479	9.425	11.601	13.290	14.008	13.660	13.126	12.482	12.358	10.690E	29
30	10.411		9.608	9.286	11.761	13.332	13.951	13.671	13.054	12.553	12.390	10.720E	30
31	10.402		9.813		11.990		13.816	13.662		12.597		10.760E	31
MEAN	10.000	10.108	9.572	9.517	10.405	12.937	13.870	13.766	13.528	12.590	12.335	11.656	MEAN
MAX	10.411	10.389	9.972	9.892	11.990	13.332	14.039	13.830	13.876	12.982	12.618	12.463	MAX
MIN	9.035	9.539	9.180	9.102	9.442	12.048	13.446	13.660	13.054	12.358	12.040	10.680	MIN

WATER LEVELS IN METRES

MEAN, 11.699
MAXIMUM DAILY, 14.039 ON JUL 14
MINIMUM DAILY, 9.035 ON JAN 2
MAXIMUM INSTANTANEOUS,
14.419 AT 16:00 PST ON JUL 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 426.717 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 29 N
LONG 118 13 09 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1973

DRAINAGE AREA,
26 700 km²

26 700 ²

COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS - STATION NO. 08NA045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.08	4.22	3.96	3.45	5.07	39.1	26.9	29.2	11.9	7.62	5.54	4.84	1
2	4.93	4.05	3.96	3.40	5.83	39.9	28.3	28.6	10.8	6.77	5.17	5.45	2
3	4.84	4.02	3.96	3.31	5.86	39.4	28.9	27.9	10.1	6.37	5.56	4.60	3
4	4.73	3.96	4.08	3.20	6.12	38.5	30.3	27.3	10.0	6.51	4.75	4.58	4
5	4.67	3.88	3.94	4.11	7.70	38.8	32.6	26.6	9.63	6.68	4.78	5.23	5
6	4.64	3.79	3.94	3.09	7.22	37.9	35.1	26.1	9.15	6.57	4.79	5.08	6
7	4.62	3.71	3.85	3.09	8.01	37.7	37.1	25.3	9.20	6.71	4.75	4.59	7
8	4.70	3.74	3.82	3.74	8.52	37.9	35.4	24.6	9.06	6.74	4.77	4.09	8
9	4.67	3.74	3.79	3.37	8.95	36.2	33.4	24.0	9.26	6.60	4.64	4.25	9
10	4.64	3.68	3.77	3.51	8.81	36.0	32.0	23.2	8.50	6.06	4.64	4.70	10
11	4.64	3.60	3.77	3.37	9.12	33.7	30.6	22.7	8.75	5.55	4.79	4.18	11
12	4.53	3.60	3.74	3.20	9.29	31.7	29.2	22.3	8.35	5.75	5.03	3.39	12
13	4.45	3.62	3.77	2.97	9.43	32.0	29.4	22.1	7.93	5.92	4.61	2.92	13
14	4.39	3.85	3.74	2.94	9.57	30.3	30.0	21.9	7.73	5.97	5.24	2.87	14
15	4.30	3.91	3.85	2.89	9.85	29.7	30.0	20.4	7.73	6.09	5.39	3.13	15
16	4.19	4.11	3.62	2.89	10.3	28.6	30.0	19.1	7.65	6.09	4.76	3.29	16
17	4.11	4.25	3.34	2.89	11.1	28.3	30.0	18.6	7.67	5.96	4.35	3.27	17
18	4.05	4.19	3.65	2.89	10.9	28.3	30.0	18.2	7.76	5.94	4.48	3.31	18
19	3.99	4.25	3.54	2.92	11.6	27.3	30.3	17.5	8.30	5.76	4.87	3.46	19
20	3.57	4.16	3.54	3.03	12.6	26.1	30.0	16.7	8.10	5.65	4.72	3.46	20
21	3.57	4.11	4.11	3.11	14.2	25.6	29.7	16.3	7.93	5.61	4.88	3.14	21
22	3.60	4.16	3.88	3.68	16.6	25.0	29.7	15.7	7.31	5.49	4.63	2.92	22
23	3.60	4.11	3.88	3.45	19.3	23.2	29.2	15.2	7.33	5.46	4.40	2.70	23
24	4.05	4.11	3.54	4.08	23.0	22.5	28.6	14.5	6.94	5.47	4.12	2.79	24
25	4.19	4.33	3.57	3.51	26.9	22.4	29.7	14.3	6.57	6.03	4.08	2.88	25
26	4.22	4.08	3.11	3.26	30.3	22.4	29.4	13.6	6.85	5.61	3.86	2.91	26
27	4.25	4.02	3.40	3.77	32.3	23.5	29.2	13.4	6.97	5.98	3.74	2.86E	27
28	4.28	4.02	3.60	4.53	33.4	24.9	29.7	12.4	7.05	6.01	3.52	2.83E	28
29	4.22		3.82	3.62	35.7	25.0	29.2	11.5	6.65	5.63	3.62	2.75E	29
30	4.25		3.48	4.13	36.8	24.7	30.0	11.2	6.85	5.68	3.79	2.66E	30
31	4.25		4.30		38.2		29.7	11.6		6.83		2.58E	31
TOTAL	134.18	111.27	116.32	101.40	482.55	916.6	943.6	612.0	248.02	189.11	138.37	111.71	TOTAL
MEAN	4.33	3.97	3.75	3.38	15.6	30.6	30.4	19.7	8.27	6.10	4.61	3.60	MEAN
MAX	5.04	4.33	4.30	4.53	38.2	39.9	37.1	29.2	11.9	7.62	5.56	5.45	MAX
MIN	3.57	3.60	3.11	2.89	5.07	22.4	26.9	11.2	6.57	5.46	3.62	2.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 39.9 ON JUN 2
MINIMUM DAILY, 2.58E ON DEC 31
MAXIMUM INSTANTANEOUS,
40.5 AT 18:40 MST ON JUN 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 25 N
LONG 115 51 45 W
DRAINAGE AREA, 891 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 600	JUL	81 500
FEB	9 610	AUG	52 900
MAR	10 100	SEP	21 400
APR	8 760	OCT	16 300
MAY	41 700	NOV	12 000
JUN	79 200	DEC	9 650

TOTAL DISCHARGE, 355 000 dam³

CONNAUGHT CREEK ABOVE DIVERSION - STATION NO. 08NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.201A	0.105B	0.071B	0.068B	0.951A	1.59E	1.77A	1.21 A	1.18 A	0.748A	0.402E	0.161	1
2	0.201E	0.105B	0.071B	0.068B	0.708E	1.64E	1.56A	1.28 A	0.654A	0.402A	0.459E	0.161	2
3	0.201E	0.105B	0.071B	0.068B	0.470A	1.74A	1.77A	0.923A	0.413A	0.269A	0.391E	0.153	3
4	0.201A	0.105B	0.071B	0.068B	0.464E	1.75E	1.91A	0.895A	0.654A	0.263E	0.328A	0.153	4
5	0.190E	0.102B	0.071B	0.068B	0.453E	1.76E	1.77A	1.32 A	0.413A	0.255A	0.294	0.153	5
6	0.181E	0.102B	0.071B	0.068B	0.442E	1.77A	1.53E	1.35 A	0.391A	0.269A	0.286	0.150	6
7	0.170A	0.102B	0.071B	0.068B	0.430E	1.61E	1.28A	1.32 A	0.360A	0.447A	0.275	0.150	7
8	0.167E	0.099B	0.071B	0.068B	0.425E	1.47E	1.23A	1.35 A	0.470A	0.320A	0.458	0.144	8
9	0.161A	0.096B	0.071B	0.071B	0.419E	1.36E	1.06A	1.29 A	0.459A	0.286A	0.249	0.144	9
10	0.159E	0.096B	0.071B	0.071B	0.402A	1.21A	1.28A	1.26 A	0.394E	0.244E	0.246	0.144	10
11	0.156E	0.093B	0.071B	0.071B	0.467E	1.09E	1.28A	1.23 A	0.328A	0.221A	0.246	0.148	11
12	0.153E	0.091B	0.071B	0.071B	0.566E	1.04A	1.28A	1.19 A	0.294A	0.255A	0.292	0.142	12
13	0.150A	0.085B	0.071B	0.071B	0.682A	1.12E	1.28A	1.04 A	0.278A	0.246A	0.249	0.136	13
14	0.144B	0.082B	0.071B	0.074B	0.651E	1.18E	1.42A	1.04 A	0.289E	0.246A	0.241	0.136	14
15	0.142B	0.079B	0.071B	0.076B	0.623E	1.25A	1.28A	1.06 A	0.303E	0.246E	0.238	0.130	15
16	0.142B	0.079B	0.071B	0.079B	0.592A	1.21E	1.23A	0.855A	0.311A	0.241E	0.224	0.130	16
17	0.139B	0.079B	0.071B	0.085B	0.665E	1.19E	1.32A	0.813A	0.294A	0.249E	0.218	0.130	17
18	0.136B	0.079B	0.071B	0.091E	0.906E	1.14E	1.42A	0.980A	0.320A	0.261A	0.210	0.125	18
19	0.133B	0.079B	0.071B	0.096E	1.19 A	1.13E	1.29A	0.923A	0.654A	0.252E	0.204	0.127	19
20	0.130B	0.076B	0.071B	0.105A	1.23 E	1.09A	1.26A	0.895A	0.787A	0.244E	0.207	0.125	20
21	0.127B	0.076B	0.068B	0.110E	1.29 E	1.10E	1.23A	0.787A	0.566E	0.235E	0.201	0.125	21
22	0.125B	0.076B	0.068B	0.122E	1.36 E	1.10E	1.12A	0.654A	0.425E	0.224E	0.195	0.125	22
23	0.125B	0.076B	0.068B	0.136E	1.42 E	1.11E	1.09A	0.530A	0.286E	0.218E	0.190	0.119	23
24	0.122B	0.074B	0.068B	0.150E	1.49 A	1.12A	1.12A	0.719A	0.221A	0.210E	0.176	0.119	24
25	0.119B	0.074B	0.068B	0.164E	1.45 E	1.38A	1.38A	0.646E	0.193E	0.201A	0.181	0.116	25
26	0.116B	0.074B	0.068B	0.193A	1.44 E	1.42A	1.18A	0.566A	0.170A	0.249E	0.173	0.113	26
27	0.113B	0.074B	0.068B	0.227E	1.43 E	1.30E	1.77A	0.654A	0.181A	0.303A	0.167	0.110	27
28	0.110B	0.074B	0.068B	0.340E	1.42 A	1.21A	1.29A	0.799E	0.261A	0.419E	0.164	0.108	28
29	0.108B		0.068B	0.481E	1.43 E	1.18A	1.52A	0.951A	0.227A	0.286A	0.164	0.108	29
30	0.105B		0.068B	0.651E	1.49 E	1.35A	1.32A	1.02 E	0.212A	0.326E	0.161	0.108	30
31	0.105B		0.068B		1.54 E		1.21A	1.08 E		0.354E		0.105	31
TOTAL	4.532	2.437	2.168	4.079	28.496	39.61	42.45	30.630	11.948	8.989	7.289	4.094	TOTAL
MEAN	0.146	0.087	0.070	0.136	0.919	1.32	1.37	0.988	0.398	0.290	0.243	0.132	MEAN
MAX	0.201	0.105	0.071	0.651	1.54	1.77	1.91	1.35	1.18	0.748	0.459	0.161	MAX
MIN	0.105	0.074	0.068	0.068	0.402	1.04	1.06	0.530	0.170	0.201	0.161	0.105	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.512
MAXIMUM DAILY, 1.91A ON JUL 4
MINIMUM DAILY, 0.068B ON MAR 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 20 N
LONG 117 31 00 W
DRAINAGE AREA, 11.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	392	JUL	3 670
FEB	211	AUG	2 650
MAR	187	SEP	1 030
APR	352	OCT	777
MAY	2 460	NOV	630
JUN	3 420	DEC	354

TOTAL DISCHARGE, 16 100 dam³

COQUIHALLA RIVER BELOW NEEDLE CREEK - STATION NO. 08MF062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.23	0.787	1.52	1.05	16.8	7.09	7.15	1.65	1.02	1.32	2.68	1.11	1
2	6.09	0.727	1.45	1.04	11.0	7.12	6.14	1.61	1.04	1.67	1.92	1.06	2
3	4.78	0.682	1.41	1.03	8.38	7.20	6.01	1.56	0.760	1.11	1.68	1.01	3
4	4.09	0.671	1.37	0.988	7.07	8.09	6.29	1.52	0.592	0.841	1.57	0.958	4
5	3.66	0.668	1.27	1.03	5.87	7.82	5.20	1.46	0.571	0.712	1.41	1.12	5
6	3.19	0.679	1.19	1.03	4.98	8.38	4.01	1.43	0.554	1.07	1.31	1.25	6
7	2.65	0.663	1.17	0.990	4.28	6.06	3.52	1.44	0.543	1.57	1.23	1.20	7
8	2.27	0.597	1.14	0.960	4.10	5.05	3.08	1.41	0.541	1.30	1.19	1.10	8
9	2.14	0.528	1.09	0.930	4.67	5.42	2.76	1.36	0.528	1.16	1.16	1.05	9
10	1.89	0.490	1.05	0.889	4.61	5.05	3.00	1.32	0.529	1.01	1.13	1.11	10
11	1.80	0.492	1.04	0.862	5.14	4.62	2.74	1.26	0.517	0.899	1.17	1.05	11
12	1.67	0.511	1.05	0.803	5.68	4.21	2.89	1.22	0.497	0.799	1.59	1.03	12
13	1.56	0.540	1.07	0.763	6.49	4.38	3.04	1.20	0.494	0.707	1.54	1.02	13
14	1.44	0.806	1.11	0.760	6.68	4.07	3.28	1.16	0.483	0.697	1.46	1.04	14
15	1.33	1.01	1.16	0.839	6.85	4.30	3.10	1.10	0.460	0.731	1.48	1.02	15
16	1.27	1.79	1.22	1.21	5.77	5.54	3.35	1.05	0.463	0.747	1.52	0.928	16
17	1.16	3.07	1.15	1.40	5.68	5.86	3.04	1.01	0.449	0.734	1.50	0.888	17
18	1.12	2.61	1.12	1.47	6.74	5.48	2.71	0.966	0.441	0.719	1.49	0.859	18
19	1.11	3.37	1.08	1.66	8.80	8.86	2.71	0.921	0.446	0.695	1.45	0.835	19
20	1.04	3.91	1.07	2.04	9.83	9.12	2.63	0.903	0.461	0.662	1.40	0.842	20
21	1.04	3.25	1.08	2.35	10.9	7.83	2.50	0.860	0.504	0.599	1.42	0.800	21
22	1.16	2.74	1.11	3.85	9.35	7.45	2.31	0.814	0.522	0.573	1.42	0.786	22
23	1.30	2.42	1.09	10.7	10.1	7.55	2.15	0.751	0.528	0.581	1.37	0.786	23
24	1.26	2.15	1.06	15.2	12.0	6.90	2.14	0.719	0.490	0.555	1.32	0.762	24
25	1.16	1.97	1.07	9.59	13.9	7.01	2.10	0.704	0.464	0.551	1.29	0.738	25
26	1.07	1.85	1.07	7.07	10.9	7.16	1.97	0.673	0.471	0.931	1.24	0.701	26
27	1.03	1.72	1.04	5.84	9.12	6.78	1.95	0.636	0.487	1.16	1.15	0.679	27
28	0.985	1.64	1.03	10.7	8.69	5.76	1.91	0.595	0.659	1.22	1.08	0.669	28
29	0.954		1.05	15.2	9.46	8.53	1.85	0.577	0.686	1.12	1.14	0.650	29
30	0.918		1.07	16.9	10.7	8.35	1.76	0.562	0.596	0.991	1.13	0.628	30
31	0.841		1.05		8.33		1.70	0.567		1.71		0.649	31
TOTAL	63.208	42.341	35.45	119.144	252.87	197.04	98.99	33.008	16.796	29.144	42.44	28.328	TOTAL
MEAN	2.04	1.51	1.14	3.97	8.16	6.57	3.19	1.06	0.560	0.940	1.41	0.914	MEAN
MAX	7.23	3.91	1.52	16.9	16.8	9.12	7.15	1.65	1.04	1.71	2.68	1.25	MAX
MIN	0.841	0.490	1.03	0.760	4.10	4.07	1.70	0.562	0.441	0.551	1.08	0.628	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.63
MAXIMUM DAILY, 16.9 ON APR 30
MINIMUM DAILY, 0.441 ON SEP 18
MAXIMUM INSTANTANEOUS,
22.9 AT 23:25 PST ON APR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 33 N
LONG 121 06 20 W
DRAINAGE AREA, 85.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 460	JUL	8 550
FEB	3 660	AUG	2 850
MAR	3 060	SEP	1 450
APR	10 300	OCT	2 520
MAY	21 800	NOV	3 670
JUN	17 000	DEC	2 450

TOTAL DISCHARGE, 82 800 dam³

COQUITLAM RIVER AT PORT COQUITLAM - STATION NO. 08MH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.3	1.71	---	---	---	2.51	3.82	0.975	3.38	28.7	45.9	9.33	1
2	37.8	1.58	---	---	---	2.58	2.76	0.930	1.51	8.08	33.9	12.6	2
3	20.2	1.44	---	---	---	6.17	2.41	0.901	1.15	4.70	41.6	5.90	3
4	19.3	1.34	---	---	6.80A	4.27	2.27	0.893	0.990	3.34	39.7	5.71	4
5	11.2	1.24	---	---	---	9.84	2.09	0.878	0.924	3.08	22.7	13.6	5
6	2.82	1.14	---	---	3.77A	6.23	1.93	0.860	0.831	13.1	3.79	6.36	6
7	2.50	1.08	---	---	3.81	3.50	3.17	0.849	0.771	14.9	2.88	6.67	7
8	2.20	1.06A	---	---	3.95	2.93	2.18	0.830	0.740	21.5	2.25	4.90	8
9	3.43	---	---	---	5.36	4.46	1.87	0.809	0.765	22.7	1.97	8.96	9
10	3.12	---	---	---	4.23	7.47	1.78	0.766	0.770	16.5	1.68	11.2	10
11	2.27	---	---	---	3.87	4.91	1.71	0.755	0.723	14.7	7.03	6.16	11
12	1.95	---	---	---	3.62	3.60	1.60	0.751	0.695	13.9	15.5	4.23	12
13	1.78	---	---	---	4.17	5.21	1.62	0.762	0.684	7.36	7.58	3.53	13
14	1.66	---	---	---	4.52	3.83	1.61	0.763	0.680	1.89	19.3	4.50	14
15	1.56	---	---	4.01A	4.45	3.12	1.53	0.763	0.691	1.68	11.6	3.63	15
16	1.48	---	---	4.20A	3.29	4.65	1.44	0.767	0.675	1.52	11.8	2.83	16
17	1.60	---	---	3.97	3.07	3.97	1.38	0.789	0.688	1.44	32.3	2.24	17
18	3.50	---	---	4.04	3.64	8.48	1.61	0.785	0.658	1.41	18.1	5.55	18
19	3.19	---	---	4.74	4.69	8.75	1.67	0.686	0.810	1.38	6.73	13.1	19
20	2.45	---	---	4.95	3.88	5.43	1.52	0.776	0.855	1.29	8.82	6.08	20
21	4.41	---	---	6.41	3.67	4.55	1.41	0.771	5.68	1.21	18.7	3.81	21
22	4.93	---	---	28.8	3.07	6.51	1.33	0.746	11.4	1.23	24.6	2.76	22
23	3.90	---	---	18.3	3.10	7.90	1.25	0.726	3.22	1.26	25.5	2.48	23
24	2.93	---	---	---	5.81	5.36	1.21	0.714	3.03	1.13	21.0	2.99	24
25	2.39	---	---	---	10.2	3.88	1.18	0.754	2.28	1.12	12.4	2.37	25
26	2.60	---	---	---	4.41	3.17	1.12	0.725	1.80	1.64	5.37	2.65	26
27	2.83	---	---	---	3.21	2.77	1.06	0.673	3.84	12.8	4.09	2.12	27
28	2.57	---	---	---	3.12	2.42	1.01	0.669	8.48	9.09	3.05	1.80	28
29	2.55		---	---	3.66	4.93	0.997	0.671	4.10	6.97	2.97	1.52	29
30	2.18		---	---	4.51	4.25	1.09	0.693	6.34	7.85	3.74	1.33	30
31	1.92		---		3.22		1.03	1.23		102		1.23	31
TOTAL	215.52	---	---	---	---	147.65	52.657	24.660	69.160	329.47	458.55	162.14	TOTAL
MEAN	6.95	---	---	---	---	4.92	1.70	0.795	2.31	10.6	15.3	5.23	MEAN
MAX	58.3	---	---	---	---	9.84	3.82	1.23	11.4	102	45.9	13.6	MAX
MIN	1.48	---	---	---	---	2.42	0.997	0.669	0.658	1.12	1.68	1.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 102 ON OCT 31
MINIMUM DAILY, 0.658 ON SEP 18
MAXIMUM INSTANTANEOUS,
149 AT 10:10 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 56 N
LONG 122 46 51 W
DRAINAGE AREA, 237 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 600	JUL	4 550
FEB	---	AUG	2 130
MAR	---	SEP	5 980
APR	---	OCT	28 500
MAY	---	NOV	39 600
JUN	12 800	DEC	14 000

CORNING CREEK NEAR SQUILAX - STATION NO. 08LE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.197	0.138E	0.141E	0.206	2.31	1.46	0.484	0.219	0.098	0.121	0.379	0.140	1
2	0.183	0.135E	0.143A	0.199	1.57	1.45	0.425	0.220	0.118	0.200	0.403	0.144	2
3	0.179	0.132E	0.152	0.194	1.11	1.21	0.397	0.218	0.088	0.190	0.382	0.135	3
4	0.175	0.127E	0.167	0.190	1.06	1.05	0.368	0.216A	0.112	0.117	0.341	0.1 3	4
5	0.171	0.123E	0.158	0.192	0.981	0.961	0.338	0.202E	0.098	0.111	0.297	0.132	5
6	0.174	0.117E	0.154	0.188	0.842	1.15	0.302	0.190E	0.082	0.136	0.270	0.126	6
7	0.168	0.104E	0.151	0.182	0.789	0.854	0.338	0.181E	0.070	0.264	0.249	0.123	7
8	0.165	0.094E	0.151	0.184	0.924	0.705	0.314	0.163E	0.060	0.238	0.231	0.118	8
9	0.157	0.087E	0.149A	0.179	1.19	0.745	0.274	0.125E	0.052	0.245	0.219	0.124	9
10	0.155	0.083E	0.149A	0.176	1.31	0.728	0.261	0.097E	0.048	0.210	0.212	0.125	10
11	0.152	0.086E	0.155	0.171	1.34	0.610	0.269	0.064E	0.045	0.181	0.209	0.117	11
12	0.151	0.090E	0.157	0.169	1.53	0.551	0.245	0.056E	0.041	0.161	0.351	0.106	12
13	0.145	0.105E	0.167	0.162	1.78	0.519	0.236	0.048E	0.036	0.150	0.290	0.106	13
14	0.138	0.132E	0.173	0.162	1.87	0.549	0.246	0.044E	0.036	0.155	0.264	0.113	14
15	0.136	0.169E	0.185	0.168	1.82	0.585	0.271	0.040E	0.033	0.168	0.241	0.109	15
16	0.130	0.217E	0.221	0.187	1.97	0.549	0.267	0.037E	0.030	0.188	0.231	0.104	16
17	0.128	0.255E	0.220	0.191	2.16	0.522	0.235	0.034E	0.030	0.202	0.215	0.104	17
18	0.129	0.295E	0.207	0.224	2.60	0.525	0.229	0.032E	0.029	0.187	0.213	0.100	18
19	0.128	0.420E	0.200	0.293	2.84	0.654	0.228	0.040E	0.062	0.182	0.205	0.104	19
20	0.126E	0.480E	0.196	0.374	2.73	0.582	0.224	0.065E	0.055	0.162	0.203	0.102	20
21	0.130E	0.340E	0.192	0.387	2.38	0.543	0.224	0.078E	0.051	0.148	0.200	0.099E	21
22	0.146E	0.230E	0.196	0.430	2.15	0.613	0.223	0.064E	0.048	0.141	0.191	0.098E	22
23	0.158E	0.195E	0.198	0.536	2.36	0.717	0.222	0.050E	0.060	0.139	0.186	0.097E	23
24	0.159E	0.180E	0.193	0.900	2.33	0.599	0.335	0.044A	0.073	0.144	0.178	0.096E	24
25	0.152E	0.172E	0.197	0.604	2.51	0.528	0.276	0.042	0.070	0.157	0.165	0.096E	25
26	0.148E	0.164E	0.197	0.543	2.42	0.522	0.233	0.036	0.062	0.149	0.162	0.094E	26
27	0.147E	0.156E	0.200	0.556	1.81	0.495	0.228	0.034	0.059	0.160	0.144	0.093E	27
28	0.149E	0.148E	0.203	0.555	1.59	0.464	0.222	0.032	0.095	0.251	0.143	0.092E	28
29	0.151E		0.214	0.730	1.58	0.459	0.226	0.052	0.090	0.274	0.145	0.090E	29
30	0.145E		0.216	1.42	1.91	0.487	0.237	0.147	0.085	0.230	0.144	0.088E	30
31	0.142E		0.211		1.70		0.221	0.077		0.247		0.087E	31
TOTAL	4.714	4.974	5.613	10.652	55.466	21.386	8.598	2.947	1.916	5.558	7.063	3.395	TOTAL
MEAN	0.152	0.178	0.181	0.355	1.79	0.713	0.277	0.095	0.064	0.179	0.235	0.110	MEAN
MAX	0.197	0.480	0.221	1.42	2.84	1.46	0.484	0.220	0.118	0.274	0.403	0.144	MAX
MIN	0.126	0.083	0.141	0.162	0.789	0.459	0.221	0.032	0.029	0.111	0.143	0.087	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.362
MAXIMUM DAILY, 2.84 ON MAY 19
MINIMUM DAILY, 0.029 ON SEP 18
MAXIMUM INSTANTANEOUS,
4.19 AT 22:13 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 54 N
LONG 119 32 00 W
DRAINAGE AREA, 26.2 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	407	JUL	743
FEB	430	AUG	255
MAR	485	SEP	166
APR	920	OCT	480
MAY	4 790	NOV	610
JUN	1 850	DEC	293

TOTAL DISCHARGE, 11 400 dam³

COTTONWOOD RIVER ABOVE BASS CREEK - STATION NO. 10AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.40B	3.92B	3.68B	3.33B	3.90B	99.0E	45.8	15.9	22.6	24.7	14.7 B	6.40B	1
2	5.35B	3.92B	3.70B	3.39B	4.20B	93.0E	70.1	15.0	19.5	20.2	13.6 B	6.20B	2
3	5.18B	3.75B	3.54B	3.30B	4.60B	88.5E	60.4	16.6	17.8	18.6	12.7 B	5.90B	3
4	5.03B	3.68B	3.45B	3.26B	5.00B	85.5A	46.0	18.4	17.0	17.1	12.6 B	5.60B	4
5	5.05B	3.71B	3.39B	3.28B	5.60B	75.8	38.8	25.7	23.3	15.5	12.4 B	5.30B	5
6	5.07B	3.76B	3.40B	3.22B	6.20B	68.6	40.5	23.5	33.0	15.6	11.9 B	5.10B	6
7	5.01B	3.80B	3.50B	3.22B	7.00B	65.2	44.0	19.3	43.3	15.2	11.2 B	4.90B	7
8	4.87B	3.70B	3.58B	3.23B	8.00B	56.1	40.0	17.0	38.0	14.6	10.8 B	4.70B	8
9	4.82B	3.62B	3.68B	3.19B	8.60B	52.3	35.3	15.7	59.5	14.1	10.5 B	4.60B	9
10	4.91B	3.69B	3.69B	3.09B	10.0 B	55.5	36.2	14.9	53.3	13.8	10.5 B	4.60B	10
11	4.99B	3.65B	3.50B	3.01B	11.0 B	63.7	40.3	13.9	48.0	13.5	10.4 B	4.60B	11
12	4.95B	3.61B	3.47B	3.00B	12.3 B	69.0	47.9	13.3	39.0	13.4	10.3 B	4.60B	12
13	4.84B	3.68B	3.50B	3.08B	13.6 B	73.9	40.9	12.6	33.2	17.4	9.90B	4.50B	13
14	4.73B	3.78B	3.60B	3.11B	16.3 B	77.3	37.0	12.2	30.9	22.3	9.20B	4.50B	14
15	4.75B	3.81B	3.64B	3.10B	20.0 E	78.8	35.5	12.3	39.8	32.0	8.80B	4.50B	15
16	4.73B	3.87B	3.59B	3.10B	21.8 E	71.6	33.6	11.5	44.5	33.1	8.60B	4.60B	16
17	4.68B	3.90B	3.44B	3.05B	25.0 E	73.8	35.7	10.8	36.3	25.2	8.50B	4.60B	17
18	4.81B	3.72B	3.40B	3.00B	31.0 E	72.0	37.1	10.4	35.4	31.7	8.20B	4.60B	18
19	4.79B	3.69B	3.40B	2.98B	38.0 E	65.6	34.7	10.1	32.7	26.2	7.70B	4.60B	19
20	4.76B	3.72B	3.25B	2.98B	41.5 E	65.0	29.6	10.4	29.8	22.4	7.50B	4.50B	20
21	4.74B	3.75B	3.20B	3.00B	46.0 E	72.2	25.6	10.5	27.0	20.3	7.40B	4.40B	21
22	4.76B	3.68B	3.24B	3.02B	55.0 E	67.0	24.7	10.4	25.1	20.0A	7.30B	4.30B	22
23	4.73B	3.53B	3.35B	3.04B	67.0 E	63.9	23.7	10.1	23.6	18.8B	7.30B	4.30B	23
24	4.48B	3.50B	3.48B	3.08B	73.5 E	67.0	22.5	9.44	22.4	18.9B	7.30B	4.40B	24
25	4.20B	3.45B	3.52B	3.11B	80.0 E	58.5	23.2	9.20	21.3	18.8B	7.30B	4.40B	25
26	4.03B	3.40B	3.55B	3.20B	98.0 E	51.5	24.1	9.26	20.1	18.1B	7.30B	4.30B	26
27	4.03B	3.48B	3.37B	3.30B	125 E	49.5	21.7	11.4	19.1	16.0B	7.20B	4.10B	27
28	3.99B	3.56B	3.31B	3.40B	120 E	44.6	20.1	67.7	19.1	15.1B	7.00B	3.80B	28
29	3.84B		3.35B	3.55B	114 E	49.0	19.2	39.5	19.1	14.5B	6.60B	3.60B	29
30	3.82B		3.41B	3.70B	108 E	50.3	17.9	28.1	20.0	14.4B	6.40B	3.50B	30
31	3.88B		3.32B		105 E		17.1	23.4		14.6B		3.40B	31
TOTAL	145.22	103.33	107.50	95.32	1 285.10	2 023.7	1 069.2	528.50	913.7	596.1	281.10	143.40	TOTAL
MEAN	4.68	3.69	3.47	3.18	41.5	67.5	34.5	17.0	30.5	19.2	9.37	4.63	MEAN
MAX	5.40	3.92	3.70	3.70	125	99.0	70.1	67.7	59.5	33.1	14.7	6.40	MAX
MIN	3.82	3.40	3.20	2.98	3.90	44.6	17.1	9.20	17.0	13.4	6.40	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 125E ON MAY 27
MINIMUM DAILY, 2.98B ON APR 19
MAXIMUM INSTANTANEOUS,
142 ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 07 08 N
LONG 129 49 23 W
DRAINAGE AREA, 888 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 500	JUL	92 400
FEB	8 930	AUG	45 700
MAR	9 290	SEP	78 900
APR	8 240	OCT	51 500
MAY	111 000	NOV	24 300
JUN	175 000	DEC	12 400

TOTAL DISCHARGE, 630 000 dam³

COTTONWOOD RIVER NEAR CINEMA - STATION NO. 08KE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.61B	19.5 B	9.63B	29.8	52.6	208	24.1	9.40	3.75	4.62	52.3	4.96B	1
2	5.55B	17.8 B	9.34B	28.9	54.1	148	23.6	6.27	10.0	4.86	53.4	4.79B	2
3	5.41B	16.6 B	9.20B	24.3	53.7	95.7	21.6	11.4	9.24	5.10	38.8	4.64B	3
4	5.27B	14.7 B	9.06B	21.0	53.4	86.4	18.2	7.87	9.08	5.57	31.1	4.53B	4
5	5.21B	13.3 B	9.20B	20.2	55.2	67.7	17.6	11.2	9.24	5.45	18.2	4.39B	5
6	5.18B	11.3 B	9.34B	18.7	57.8	67.3	11.9	6.85	4.22	5.57	14.3	4.30B	6
7	5.15B	10.3 B	9.23	15.6	54.9	54.5	12.4	6.41	4.32	6.12	15.2	4.19B	7
8	5.13B	9.20B	9.85	16.7	55.6	42.6	12.1	4.62	4.13	6.56	18.2	4.11B	8
9	5.13B	8.64B	10.6	17.7	56.3	40.8	19.4	4.74	3.17	5.98	20.0	4.02B	9
10	5.10B	8.07B	10.6	13.0	57.4	37.3	11.7	3.85	3.33	7.58	8.77	3.94B	10
11	5.07B	7.36B	10.9	17.7	51.2	37.9	11.4	3.75	3.41	8.17	13.9	3.88B	11
12	5.04B	7.08B	11.3	16.7	48.1	39.4	11.4	3.57	3.25	6.70	14.1	3.82B	12
13	4.96B	7.08B	10.8	16.2	51.2	31.4	11.0	3.57	3.66	6.41	16.2	3.77B	13
14	4.90B	7.36B	11.6	13.7	53.7	30.9	11.2	3.66	2.85	6.85	14.3	3.74B	14
15	4.87B	8.78D	11.4	14.9	59.3	29.5	10.7	3.66	2.93	6.70	17.2	3.71B	15
16	4.87B	9.63B	15.1	18.9	56.0	29.7	11.2	3.49	2.64	6.99	16.4	3.68B	16
17	4.90B	10.2 B	17.2	20.7	62.6	30.0	11.0	3.49	2.85	7.14	16.0	3.68B	17
18	4.93B	10.9 B	17.4	21.2	63.4	29.5	11.6	3.25	1.68	7.14	14.8	3.68B	18
19	5.66B	10.9 B	16.5	26.3	65.0	30.3	10.7	3.25	2.25	7.28	15.0	3.71B	19
20	9.91B	10.9 B	13.3	36.4	69.7	52.3	12.3	3.41	2.32	7.58	13.9	3.74B	20
21	14.2 B	10.8 B	11.3	43.4	72.2	54.5	9.40	3.41	2.12	7.43	11.4	3.68B	21
22	19.8 B	10.8 B	11.7	48.8	81.5	43.5	8.31	3.01	2.58	8.02	10.7	3.62B	22
23	28.3 B	10.6 B	12.2	65.4	78.6	47.1	8.61	2.78	2.85	6.43	7.58	3.54B	23
24	39.6 B	10.5 B	12.8	83.9	73.5	81.5	9.08	2.32	2.85	8.46	6.65B	3.45B	24
25	34.0 B	10.3 B	13.3	104	89.0	48.1	9.40	2.64	2.58	8.31	6.31B	3.37B	25
26	30.6 B	10.2 B	14.1	66.5	119	38.5	7.72	2.78	2.64	7.87	6.00B	3.31B	26
27	27.5 B	10.1 B	17.0	61.4	119	35.7	6.27	2.85	2.78	7.58	5.75B	3.26B	27
28	25.2 B	9.91B	22.7	52.3	86.9	29.0	6.56	2.45	3.94	7.72	5.61B	3.20B	28
29	23.2 B		31.1	54.1	82.9	25.4	10.2	2.12	3.94	7.58	5.38B	3.11B	29
30	21.8 B		30.5	53.4	66.5	24.1	17.0	0.708	4.41	8.17	5.13B	3.09B	30
31	20.7 B		29.5		221		21.2	4.74		8.17		3.06B	31
TOTAL	392.75	302.81	437.75	1 041.8	2 221.3	1 616.6	398.85	137.518	119.01	214.11	492.58	117.97	TOTAL
MEAN	12.7	10.8	14.1	34.7	71.7	53.9	12.9	4.44	3.97	6.91	16.4	3.81	MEAN
MAX	39.6	19.5	31.1	104	221	208	24.1	11.4	10.0	8.46	53.4	4.96	MAX
MIN	4.87	7.08	9.06	13.0	48.1	24.1	6.27	0.708	1.68	4.62	5.13	3.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 221 ON MAY 31
MINIMUM DAILY, 0.708 ON AUG 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 09 15 N
LONG 122 28 30 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 900	JUL	34 500
FEB	26 200	AUG	11 900
MAR	37 800	SEP	10 300
APR	90 000	OCT	18 500
MAY	192 000	NOV	42 600
JUN	140 000	DEC	10 200

TOTAL DISCHARGE, 648 000 dam³

COULDREY CREEK IN LOT 9380 - STATION NO. 08NP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.89	0.818	0.685B	1.63	12.2	10.7	6.71	2.31	1.10	0.847	0.590	0.542	1
2	2.51	0.790	0.674B	1.01	13.1	9.46	6.23	2.32	1.25	0.872	0.589	0.531	2
3	2.18	0.818	0.668	0.951	10.4	9.23	5.95	2.18	1.16	0.801	0.611	0.510B	3
4	2.09	0.779B	0.697	0.926	7.99	10.2	5.61	2.13	1.06	0.793	0.600	0.528	4
5	2.09	0.736B	0.677	0.895	6.77	9.71	5.44	2.04	1.02	0.756	0.583	0.518	5
6	2.00	0.708B	0.671	0.841	6.20	9.40	5.04	1.99	1.07	0.756	0.590	0.490	6
7	1.77	0.702	0.651B	0.878	5.49	8.98	5.01	1.87	1.01	0.762	0.582	0.500	7
8	1.60	0.714	0.654	0.813	4.96	8.44	4.70	1.80	0.971	0.722	0.563	0.476	8
9	1.54	0.680B	0.725	0.827	4.59	8.44	4.30	1.78	0.963	0.736	0.584	0.493	9
10	1.36	0.510B	0.694	0.810	4.25	8.18	4.11	1.67	0.966	0.736	0.582	0.539	10
11	1.27 B	0.566B	0.674	0.702	4.33	7.84	3.99	1.55	0.929	0.697	0.599	0.537	11
12	1.19 B	0.665B	0.702	0.748	4.45	7.45	3.85	1.51	0.957	0.694	0.619	0.453B	12
13	1.09 B	0.680B	0.759	0.733	4.42	7.96	3.77	1.66	0.917	0.714	0.593	0.391B	13
14	0.977B	0.680B	0.799	0.787	5.10	8.75	3.77	1.65	0.932	0.697	0.641	0.382B	14
15	0.906B	0.685	0.886	0.838	8.50	9.34	3.60	1.61	0.883	0.699	0.594	0.374B	15
16	0.850B	0.697	0.966	0.946	9.15	9.71	3.51	1.53	0.869	0.685	0.622	0.385B	16
17	0.892B	0.770	0.968	1.19	8.01	9.54	3.43	1.46	0.883	0.711	0.640	0.416B	17
18	0.934B	0.782	0.983	1.51	7.84	8.83	3.31	1.43	0.867	0.697	0.641	0.433B	18
19	0.963B	0.799	0.983B	1.90	8.67	8.44	3.20	1.40	0.773	0.701	0.590	0.510	19
20	0.977B	0.745	0.985	2.52	10.2	8.67	3.06	1.31	0.753	0.681	0.573	0.514	20
21	0.946	0.742	0.949B	3.85	10.9	9.34	3.00	1.30	0.739	0.663	0.566	0.496B	21
22	0.932	0.742	0.878	3.51	12.6	8.89	3.06	1.23	0.779	0.667	0.609	0.487B	22
23	0.977	0.719	0.895	4.22	14.6	8.58	2.97	1.21	0.762	0.654	0.558	0.476B	23
24	0.980	0.705	0.909	7.42	14.6	8.13	2.86	1.15	0.719	0.683	0.543	0.467B	24
25	0.946	0.762	0.869	8.07	15.2	7.90	2.77	1.15	0.728	0.617	0.527B	0.459	25
26	0.929	0.759	0.898	6.77	14.8	7.96	2.74	1.13	0.688	0.673	0.521B	0.447B	26
27	0.957	0.708B	0.923	6.09	13.9	7.87	2.69	1.09	0.708	0.669	0.515B	0.442B	27
28	0.903	0.694B	0.937	5.69	13.0	7.39	2.71	1.10	0.731	0.657	0.530B	0.436B	28
29	0.889		0.971	5.75	12.2	6.99	2.58	1.05	0.688	0.657	0.544B	0.433B	29
30	0.835		1.03	7.53	11.6	6.85	2.36	0.934	0.756	0.644	0.529	0.430B	30
31	0.852		1.01		11.6		2.37	0.971		0.635		0.428B	31
TOTAL	40.185	20.155	25.770	79.755	291.62	259.17	118.70	47.515	26.631	21.976	17.428	14.523	TOTAL
MEAN	1.30	0.720	0.831	2.66	9.41	8.64	3.83	1.53	0.888	0.709	0.581	0.468	MEAN
MAX	2.89	0.818	1.03	8.07	15.2	10.7	6.71	2.32	1.25	0.872	0.641	0.542	MAX
MIN	0.835	0.510	0.651	0.702	4.25	6.85	2.36	0.934	0.688	0.617	0.515	0.374	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.64
MAXIMUM DAILY, 15.2 ON MAY 25
MINIMUM DAILY, 0.374B ON DEC 15
MAXIMUM INSTANTANEOUS,
16.1 AT 01:50 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 57 N
LONG 114 35 00 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 470	JUL	10 300
FEB	1 740	AUG	4 110
MAR	2 230	SEP	2 300
APR	6 890	OCT	1 900
MAY	25 200	NOV	1 510
JUN	22 400	DEC	1 250

TOTAL DISCHARGE, 83 300 dam³

COWICHAN LAKE NEAR LAKE COWICHAN - STATION NO. 08HA009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.348	1.499E	2.048	1.236	1.802	1.330	1.456	1.076E	0.864	0.960	2.528	2.162	1
2	3.182	1.462	1.981E	1.268	1.798	1.312	1.443	1.072E	0.866	1.092	2.070	2.238	2
3	2.984	1.414	1.914	1.286	1.770	1.306E	1.440	1.069	0.874	1.126	2.022	2.254	3
4	2.854	1.366	1.854	1.302	1.758	1.300	1.384	1.063	0.854	1.116	2.162	2.209	4
5	2.674	1.334	1.774	1.402E	1.740	1.328	1.237	1.043	0.846	1.088	2.352	2.782	5
6	2.546	1.306	1.706	1.502	1.712	1.376	1.236	1.042	0.838	1.176	2.162	2.811E	6
7	2.422	1.282	1.658	1.508	1.680E	1.388	1.234	1.031	0.842	1.286	2.184	2.840	7
8	2.308	1.220	1.624	1.504	1.648	1.402	1.230	1.023	0.846	1.442	2.112	2.774	8
9	2.210	1.206	1.556	1.522	1.622	1.426	1.274	1.021	0.832	1.514	2.014	2.782	9
10	2.186	1.184	1.502	1.546	1.600	1.438	1.274E	1.004	0.820	1.532	1.980	2.906	10
11	2.042	1.130	1.450E	1.560	1.544	1.456	1.274E	1.004	0.820	1.524	1.920	2.858	11
12	1.940	1.108	1.398	1.568	1.504	1.488	1.274E	1.004	0.806	1.504	2.194	2.782	12
13	1.878	1.104	1.372	1.578	1.472	1.490	1.274	0.992	0.794	1.468	2.222	2.654	13
14	1.802	1.224	1.328	1.576	1.446	1.496	1.248	0.990	0.784	1.436	2.238	2.591E	14
15	1.736	1.533E	1.287E	1.594	1.420	1.494	1.236E	0.986	0.778	1.386	2.376	2.528	15
16	1.652	1.842	1.308E	1.626	1.402	1.504	1.224E	0.966	0.774	1.344	2.424	2.416	16
17	1.636	1.884	1.266	1.632	1.396	1.498	1.212	0.952	0.770	1.326	2.426	2.358	17
18	1.632	2.466	1.202	1.608	1.384	1.552	1.200	0.942	0.752	1.284	2.412	2.254	18
19	1.640	2.716	1.154	1.610	1.368	1.578	1.188	0.938	0.748	1.254	2.362	2.313E	19
20	1.646	2.780	1.132	1.618	1.360	1.597E	1.170	0.918	0.722	1.214	2.372	2.374E	20
21	1.700	2.732	1.104	1.608	1.352	1.616E	1.172	0.908	0.788	1.176	2.458	2.436	21
22	1.794	2.682	1.056	1.706	1.332	1.634	1.168	0.896	0.804	1.148	2.264	2.364	22
23	1.824	2.585E	1.050	1.774	1.300	1.650	1.152	0.892	0.802	1.126	2.664	2.254	23
24	1.770	2.488	1.048	1.826	1.322	1.656	1.158	0.890	0.804	1.056	2.616	2.198	24
25	1.756	2.404	1.066	1.824	1.350	1.648	1.120	0.894	0.788	1.048	2.548	2.132	25
26	1.724	2.328	1.058	1.820	1.358	1.610	1.130	0.884	0.778	1.006	2.466	2.066	26
27	1.690	2.244	1.048	1.780	1.330	1.588	1.112	0.882	0.780	1.050	2.388	1.986	27
28	1.664	2.174	1.046	1.804	1.326	1.574	1.118	0.874	0.864	1.284	2.282	1.922	28
29	1.620		1.068	1.812	1.320	1.554	1.103E	0.868	0.866	1.362	2.186	1.824	29
30	1.598		1.098	1.818	1.342	1.557	1.088	0.866	0.864	1.878	2.128	1.774	30
31	1.536		1.167E		1.320		1.080	0.844		1.992		1.720	31
MEAN	2.032	1.811	1.365	1.594	1.486	1.495	1.223	0.962	0.812	1.297	2.284	2.373	MEAN
MAX	3.348	2.780	2.048	1.826	1.802	1.656	1.456	1.076	0.874	1.992	2.664	2.906	MAX
MIN	1.536	1.104	1.046	1.236	1.300	1.300	1.080	0.844	0.722	0.960	1.920	1.720	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.559
MAXIMUM DAILY, 3.348 ON JAN 1
MINIMUM DAILY, 0.722 ON SEP 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 49 28 N
LONG 124 03 37 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 160.944 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COWICHAN RIVER AT LAKE COWICHAN - STATION NO. 08HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	204	52.1	90.2	31.8	66.7	14.3	37.4	9.35	6.94	25.0	126	94.4	1
2	187	49.9	84.7	30.0	67.0	12.4	32.3	9.18	6.47	29.7	129	100	2
3	171	47.8	79.5	30.1	66.6	11.5	27.3	9.00	6.44	31.0	125	101	3
4	155	45.9	74.7	30.7	65.8	10.1	26.6	8.39	6.19	30.9	118	101	4
5	141	44.1	69.7	35.8	64.5	9.90	25.9	7.93	6.17	31.1	111	140	5
6	129	42.0	65.5	39.5	62.4	9.86	23.4	7.72	6.26	35.1	104	154	6
7	118	39.9	61.8	41.4	60.6	9.41	18.5	7.98	6.27	40.8	97.6	149	7
8	108	38.1	58.9	42.6	57.7	9.59	16.2	8.00	6.44	47.9	90.7	147	8
9	101	36.0	55.8	43.5	56.0	9.22	15.0	7.87	6.60	52.6	84.6	148	9
10	94.2	34.5	53.0	44.4	53.4	8.14	14.1	7.71	7.25	54.0	79.4	157	10
11	88.0	33.1	49.9	48.1	50.2	9.06	13.8	7.73	7.57	53.2	84.9	154	11
12	82.4	32.4	47.5	49.9	46.9	10.4	14.2	8.03	7.52	51.3	97.2	145	12
13	76.8	32.6	45.0	50.1	41.4	11.6	15.4	8.68	7.71	49.4	101	136	13
14	71.4	37.4	42.8	49.6	35.1	12.0	15.7	7.75	7.60	47.7	104	129	14
15	66.5	51.0	41.3	49.4	29.2	12.4	15.8	7.98	7.91	45.7	113	123	15
16	62.4	73.4	39.6	52.2	27.4	13.4	16.0	8.19	9.08	43.6	117	115	16
17	58.6	98.2	37.6	54.4	27.0	14.6	13.5	8.06	10.1	41.5	116	108	17
18	59.2	117	35.3	56.2	27.7	16.4	12.6	7.65	10.8	39.4	115	103	18
19	61.5	138	33.9	57.2	26.9	19.4	12.8	7.67	10.7	37.6	111	113	19
20	61.5	146	33.2	56.7	24.4	21.2	12.5	7.46	10.3	35.7	112	120	20
21	66.6	143	31.8	55.9	22.9	23.3	10.8	6.83	10.8	34.1	121	116	21
22	70.7	138	30.6	59.0	20.5	26.3	9.90	6.23	11.4	32.3	132	110	22
23	71.4	131	29.3	65.2	19.3	30.1	9.75	6.13	13.5	30.9	136	104	23
24	69.8	124	26.1	70.1	18.9	32.2	9.92	6.31	15.2	29.5	133	98.8	24
25	67.1	117	26.2	70.6	18.9	33.7	9.87	6.30	16.2	28.4	127	92.5	25
26	65.6	109	26.3	68.9	19.0	37.7	9.22	6.24	16.2	27.6	121	87.7	26
27	63.6	103	26.0	66.8	18.9	39.6	9.10	6.34	16.6	30.0	114	82.6	27
28	62.4	96.2	25.8	68.0	18.9	41.8	9.41	6.21	18.5	38.6	107	77.4	28
29	59.9		26.5	68.3	17.9	42.5	9.16	6.41	19.4	43.3	99.9	72.7	29
30	57.4		27.1	67.6	16.5	42.4	9.62	6.57	20.4	47.6	93.9	68.0	30
31	54.5		30.2		14.8		9.75	6.47		87.8		64.9	31
TOTAL	2 805.5	2 150.6	1 405.8	1 554.0	1 163.4	594.50	485.50	232.37	312.52	1 253.3	3 320.2	3 512.0	TOTAL
MEAN	90.5	76.8	45.3	51.8	37.5	19.8	15.7	7.50	10.4	40.4	111	113	MEAN
MAX	204	146	90.2	70.6	67.0	42.5	37.4	9.35	20.4	87.8	136	157	MAX
MIN	54.5	32.4	25.8	30.0	14.8	8.14	9.10	6.13	6.17	25.0	79.4	64.9	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.5
MAXIMUM DAILY, 204 ON JAN 1
MINIMUM DAILY, 6.13 ON AUG 23
MAXIMUM INSTANTANEOUS,
213 AT 00:01 PST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 34 N
LONG 124 03 07 W
DRAINAGE AREA, 596 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	242 000	JUL	41 900
FEB	186 000	AUG	20 100
MAR	121 000	SEP	27 000
APR	134 000	OCT	108 000
MAY	101 000	NOV	287 000
JUN	51 400	DEC	303 000

TOTAL DISCHARGE, 1 620 000 dam³

COWICHAN RIVER NEAR DUNCAN - STATION NO. 08HA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	244	64.7	93.9	39.3	71.8	13.1	37.1	8.23	5.24	24.3	178	131	1
2	218	61.1	87.0	34.0	73.2	11.5	33.0	7.98	5.06	31.1	148	150	2
3	195	58.9	81.6	31.9	72.8	10.4	26.3	7.90	5.06	31.3	136	135	3
4	177	55.7	77.0	32.5	71.5	9.27	25.1	7.73	4.96	30.5	125	134	4
5	161	53.3	73.0	56.1	70.4	9.67	24.1	7.31	4.84	31.5	119	221	5
6	148	50.8	68.8	53.9	68.9	10.5	22.6	7.05	4.70	40.5	113	205	6
7	136	48.0	66.3	48.0	67.3	9.14	17.3	7.03	5.26	45.1	106	197	7
8	125	46.3	62.8	46.9	64.4	9.01	15.5	7.18	5.19	50.6	99.2	180	8
9	119	44.5	59.2	46.7	61.6	9.09	13.1	7.10	4.66	55.3	93.3	195	9
10	109	41.9	55.1	46.1	58.5	8.16	11.9	6.99	4.91	54.8	89.2	212	10
11	97.5	40.5	51.8	50.7	55.3	10.0	11.6	6.90	5.38	52.5	97.9	193	11
12	92.4	40.1	49.1	53.5	52.2	10.6	11.4	6.86	5.39	50.2	120	171	12
13	86.8	44.1	47.2	54.4	46.9	11.8	12.8	7.59	5.41	47.6	122	156	13
14	82.0	61.5	45.0	53.7	41.8	12.1	14.2	7.05	5.44	45.9	135	150	14
15	77.9	97.5	42.9	53.9	34.9	12.4	14.5	6.79	5.30	44.1	159	150	15
16	73.3	153	41.1	58.1	31.7	13.0	15.0	7.03	5.93	42.6	161	139	16
17	68.9	174	39.1	62.3	30.8	13.8	13.0	6.92	6.85	40.7	159	128	17
18	77.8	180	37.5	61.9	31.1	17.1	11.7	6.90	7.42	39.2	160	121	18
19	81.9	213	35.6	64.0	31.1	20.9	11.3	6.60	7.59	37.6	146	168	19
20	78.5	193	34.3	63.5	27.7	22.0	11.7	6.70	7.57	35.7	144	156	20
21	89.3	173	32.7	62.4	26.2	23.4	10.2	6.41	8.59	34.1	173	138	21
22	94.9	156	31.9	64.8	23.4	26.1	9.13	5.99	7.99	32.5	202	127	22
23	92.7	143	31.1	71.1	21.8	30.3	8.99	5.78	9.30	31.0	190	119	23
24	87.3	134	27.6	75.9	19.9	32.2	8.91	5.88	10.7	36.2	171	113	24
25	83.4	126	28.0	75.8	19.9	33.9	9.22	5.83	11.9	29.4	157	105	25
26	82.3	118	27.6	73.5	21.3	35.8	9.61	5.81	12.8	29.1	147	95.5	26
27	80.0	110	26.6	72.0	19.7	37.7	8.29	5.73	15.0	32.6	137	87.0	27
28	80.8	102	26.5	75.8	18.2	37.9	8.28	5.82	17.6	46.4	130	81.7	28
29	76.9		28.6	75.8	17.6	40.4	8.55	5.73	17.2	50.6	124	77.2	29
30	73.0		29.4	73.8	16.1	41.1	8.30	5.11	17.4	57.7	120	72.2	30
31	68.5		38.4		14.0		8.50	4.89		158		69.1	31
TOTAL	3 358.1	2 783.9	1 476.7	1 732.3	1 282.0	582.34	450.18	206.82	240.64	1 362.7	4 161.6	4 376.7	TOTAL
MEAN	108	99.4	47.6	57.7	41.4	19.4	14.5	6.67	8.02	44.0	139	141	MEAN
MAX	244	213	93.9	75.9	73.2	41.1	37.1	8.23	17.6	158	202	221	MAX
MIN	68.5	40.1	26.5	31.9	14.0	8.16	8.28	4.89	4.66	24.3	89.2	69.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.3
MAXIMUM DAILY, 244 ON JAN 1
MINIMUM DAILY, 4.66 ON SEP 9
MAXIMUM INSTANTANEOUS,
266 AT 11:25 PST ON DEC 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 22 N
LONG 123 42 48 W
DRAINAGE AREA, 826 km²

REGULATED SINCE 1965

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	290 000	JUL	38 900
FEB	241 880	AUG	17 900
MAR	128 000	SEP	20 800
APR	150 000	OCT	118 000
MAY	111 000	NOV	360 000
JUN	50 300	DEC	378 000

TOTAL DISCHARGE, 1 900 000 dam³

CRAIGFLOWER CREEK BELOW BURNSIDE ROAD , VICTORIA - STATION NO. 08HA034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46 E	0.352	0.602	0.182	0.230	0.046	0.029	0.003	0.005E	0.021	0.222	0.816	1
2	1.16 E	0.352	0.550	0.182	0.200	0.043E	0.028	0.003	0.005E	0.023	0.222E	1.93	2
3	0.965	0.406	0.550	0.164	0.182	0.040	0.021	0.003	0.004	0.016	0.222	2.24	3
4	0.935	0.406	0.535	0.135	0.200	0.040	0.021	0.002	0.004	0.016	0.182	1.81	4
5	0.810	0.406	0.454	0.253	0.191E	0.041	0.018	0.002E	0.004	0.010	0.148	1.86	5
6	0.698	0.238	0.406	0.253	0.182	0.047E	0.016E	0.002	0.005	0.022	0.132E	2.11	6
7	0.608	0.225	0.380	0.239	0.272	0.052	0.013	0.002	0.005	0.028	0.118E	1.91	7
8	0.536	0.216	0.356	0.244	0.248	0.118	0.015	0.002	0.005	0.022	0.104	1.61	8
9	0.464	0.201	0.326	0.258	0.226	0.092	0.013	0.002	0.005	0.022E	0.085	1.41	9
10	0.406	0.186	0.296	0.253	0.204	0.137	0.014	0.002	0.005	0.022	0.079	1.91	10
11	0.382	0.178	0.282	0.248	0.178	0.124	0.013	0.002	0.005	0.018E	0.092	2.21	11
12	0.352	0.216	0.262	0.270E	0.161	0.102	0.012	0.002	0.005	0.015	0.151	1.86	12
13	0.328	0.342	0.248	0.291	0.148	0.090E	0.013	0.002	0.005	0.014	0.154	1.41	13
14	0.318	0.635	0.226E	0.284	0.132	0.074	0.013E	0.002	0.014	0.012E	0.386E	1.26	14
15	0.291	1.41	0.215E	0.253	0.110	0.057	0.013	0.002	0.010	0.011	0.602	1.61	15
16	0.282	2.93	0.204	0.230	0.104	0.060	0.010E	0.002	0.007	0.011	0.807	1.56 E	16
17	0.269	4.56	0.200	0.186	0.105E	0.054	0.008	0.002E	0.005	0.010	0.790	1.49 E	17
18	0.275E	4.01	0.182	0.204	0.107	0.148	0.007	0.002E	0.004	0.010	0.763	1.36 E	18
19	0.291	3.56	0.164	0.182E	0.104	0.142	0.007	0.002E	0.004	0.014	0.728	1.41	19
20	0.282	3.21	0.151	0.164E	0.104	0.126E	0.007	0.002E	0.004	0.013	0.640	1.56	20
21	0.282	2.41	0.142	0.148	0.092	0.115	0.005	0.002	0.010	0.011	0.798	1.41	21
22	0.269	1.79	0.132	0.178	0.082	0.104	0.005	0.002	0.010E	0.011	1.56	1.21 E	22
23	0.300	1.36	0.132E	0.186	0.070	0.097E	0.005	0.002E	0.011E	0.010	1.81	1.06 E	23
24	0.295	1.11	0.132	0.186	0.077E	0.090	0.005	0.002E	0.011	0.010	1.37	0.910	24
25	0.289E	1.01	0.129	0.186E	0.084E	0.050	0.005	0.003	0.007	0.014E	1.11	0.860E	25
26	0.282	0.910	0.121	0.182E	0.094	0.052	0.004	0.003E	0.007	0.017	0.860	0.910E	26
27	0.282	0.772	0.115	0.182E	0.078	0.043	0.004E	0.003	0.022	0.019	0.710	0.890E	27
28	0.323	0.640	0.107	0.267	0.068	0.039	0.003E	0.003	0.023	0.019	0.602	0.900E	28
29	0.311E		0.135	0.286	0.060	0.034	0.003	0.003	0.015	0.021	0.543	0.850E	29
30	0.300		0.142	0.272	0.052	0.028	0.003	0.003	0.009	0.021	0.602E	0.840E	30
31	0.323		0.204		0.046		0.003	0.007		0.248		0.840E	31
TOTAL	14.368	34.041	8.080	6.548	4.191	2.285	0.336	0.076	0.235	0.731	16.592	48.016	TOTAL
MEAN	0.463	1.22	0.261	0.218	0.135	0.076	0.011	0.002	0.008	0.024	0.553	1.42	MEAN
MAX	1.46	4.56	0.602	0.291	0.272	0.148	0.029	0.007	0.023	0.248	1.81	2.24	MAX
MIN	0.269	0.178	0.107	0.135	0.046	0.028	0.003	0.002	0.004	0.010	0.079	0.816	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.360
MAXIMUM DAILY, 4.56 ON FEB 17
MINIMUM DAILY, 0.002 ON AUG 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 27 47 N
LONG 123 26 19 W
DRAINAGE AREA, 13.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	29.0
FEB	2 940	AUG	6.57
MAR	698	SEP	20.3
APR	566	OCT	63.2
MAY	362	NOV	430
JUN	197	DEC	3 800

TOTAL DISCHARGE, 11 400 dam³

CRANBERRY CREEK ABOVE B.C. HYDRO INTAKE - STATION NO. 08NE123

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.03	3.32	2.76	3.00	12.4	12.3	10.8	6.19	8.94	4.30E	6.66	3.55	1
2	4.01	3.31	2.77	2.98	9.25	13.9	9.14	6.19	9.77	7.50E	5.66	3.33	2
3	3.95	3.25	2.70	2.87	7.00	14.1	10.3	7.68	7.01	6.40E	5.29	3.33	3
4	3.81	3.24	2.70	2.77	5.95	15.3	11.5	7.41	8.96	4.82E	4.84	3.38	4
5	3.82	3.17	2.73	2.78	5.41	12.9	10.8	7.25	6.78	4.39E	4.43	3.26	5
6	3.80	3.17	2.71	2.67	4.79	16.7	9.32	7.57	5.83	4.00E	4.34	3.28	6
7	3.68	3.19	2.64	2.60	4.59	12.1	8.26	7.95	5.59	5.02E	4.15	3.42	7
8	3.71	3.19	2.61	2.57	5.00	10.1	6.25	8.27	5.76	5.26E	3.50	3.33	8
9	3.64	3.13	2.59	2.58	5.42	8.50	5.37	8.26	5.66	4.75E	3.19	3.22	9
10	3.60	3.41	2.62	2.53	6.06	8.34	6.29	7.73	5.27	4.30E	3.15	3.18	10
11	3.66	3.70	2.61	2.51	6.40	8.01	7.24	7.87	4.79E	3.64E	3.09	2.99	11
12	3.51	3.01	2.67	2.45	7.29	7.31	6.81	7.98	4.18E	3.22E	3.70	3.06	12
13	3.43	2.96	2.68	2.40	8.23	7.02	8.10	7.58	3.80E	2.64E	3.53	3.14B	13
14	3.37	2.92	2.68	2.34	9.30	8.03	11.1	6.90	3.50E	2.30E	3.03	3.07B	14
15	3.33	2.97	2.71	2.45	9.88	9.13	10.2	7.09	3.13E	2.15E	3.04	3.01B	15
16	3.35	2.97	2.81	2.67	10.2	10.3	9.44	6.91	3.16E	2.00E	3.26	2.99B	16
17	3.30	3.10	2.82	2.83	10.6	7.78	8.87	6.99	3.28E	1.88E	3.41	2.94B	17
18	3.23	3.14	2.78	3.18	11.6	6.63	9.60	6.44	3.46E	1.80E	3.34	2.85B	18
19	3.21	3.10	2.78	3.33	14.8	6.91	9.73	7.19	3.55E	1.72E	3.31	2.89B	19
20	3.29	3.01	2.78	3.66	18.1	7.03	8.27	7.16	3.28E	1.65E	3.33	2.80B	20
21	3.30	2.99	2.72	3.82	19.5	6.84	10.2	6.06	2.96E	1.59E	3.43	2.71B	21
22	3.53	2.94	2.79	4.20	21.4	6.55	8.79	4.99	2.60E	1.53E	3.63	2.68B	22
23	3.86	2.89	2.77	7.93	18.0	6.68	7.62	4.72	2.40E	1.44A	3.81	2.62B	23
24	3.77	2.88	2.75	9.98	18.0	6.58	8.32	5.20	2.34E	3.24	3.76	2.59B	24
25	3.56	2.93	2.70	5.62	21.8	7.69	7.36	6.25	2.18E	3.38	3.62	2.62B	25
26	3.53	2.92	2.75	4.26	19.1	9.42	7.13	5.63	2.09E	3.94	3.59	2.60B	26
27	3.41	2.85	2.79	3.72	15.4	8.77	8.08	4.87	2.00E	4.94	3.58	2.53B	27
28	3.49	2.79	2.77	4.05	13.7	7.68	8.45	4.25	2.20E	5.36	3.61	2.48B	28
29	3.50		2.90	4.51	14.1	8.97	8.92	4.60	2.36E	4.67	3.60	2.46B	29
30	3.41		3.00	6.77	15.4	12.0	7.99	4.59	2.62E	4.38	3.60	2.47B	30
31	3.40		3.01		17.1		6.83	4.38		4.96		2.40B	31
TOTAL	110.49	86.45	85.10	110.03	365.77	283.57	267.08	202.15	129.45	113.17	114.48	91.18	TOTAL
MEAN	3.56	3.09	2.75	3.67	11.8	9.45	8.62	6.52	4.32	3.65	3.82	2.94	MEAN
MAX	4.03	3.70	3.01	9.98	21.8	16.7	11.5	8.27	9.77	7.50	6.66	3.55	MAX
MIN	3.21	2.79	2.59	2.34	4.59	6.55	5.37	4.25	2.00	1.44	3.03	2.40	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.37
MAXIMUM DAILY, 21.8 ON MAY 25
MINIMUM DAILY, 1.44A ON OCT 23
MAXIMUM INSTANTANEOUS,
29.8 AT 19:15 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 25 N
LONG 118 04 45 W
DRAINAGE AREA, 99.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 550	JUL	23 100
FEB	7 470	AUG	17 500
MAR	7 350	SEP	11 200
APR	9 510	OCT	9 780
MAY	31 800	NOV	9 890
JUN	24 500	DEC	7 880

TOTAL DISCHARGE, 169 000 dam³

CRISS CREEK NEAR SAVONA - STATION NO. 08LF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.550	0.375B	0.220B	0.401	4.03	8.98	3.79	5.53 E	0.305	0.793	1.52	0.620B	1
2	0.491	0.395B	0.274	0.404	3.72	7.17	3.38	4.00 E	1.14	1.08	1.86	0.690B	2
3	0.459	0.390B	0.282	0.382	2.87	6.24	2.51	2.96	1.54	1.09	1.76	0.400B	3
4	0.447	0.375B	0.278	0.313	2.68	5.49	2.06	3.60	1.08	1.06	1.57	0.840B	4
5	0.450	0.375B	0.258	0.392	2.52	4.73	1.76	3.21 E	1.19	0.988	1.33	0.820B	5
6	0.417	0.359	0.255B	0.284	2.33	4.25	1.57	2.59 E	1.14	0.992	1.29	0.770B	6
7	0.417	0.305	0.245B	0.351	2.43	3.67	2.12	2.06	0.929	3.19	1.27	0.790B	7
8	0.369	0.254	0.255B	0.305	2.58	3.19	3.21	1.78 E	0.781	5.11	1.17	0.610B	8
9	0.377	0.186	0.244	0.337	3.00	3.12	2.87	1.53	0.632	3.84	1.20	0.690B	9
10	0.371	0.142	0.258	0.293	3.39	3.73	2.56	1.39	0.561	3.13	1.27	0.785B	10
11	0.311	0.175B	0.278	0.331	3.61	3.98	2.79	1.15	0.520	2.63	1.25	0.640B	11
12	0.350B	0.197B	0.279	0.270	3.75	3.90	2.24	0.902	0.446	2.19	1.54	0.530B	12
13	0.352B	0.220B	0.285	0.306	3.80	3.74	1.93	0.791	0.381	1.92	1.97	0.470B	13
14	0.330B	0.300B	0.297	0.318	4.30	4.16	1.99	0.723	0.347	1.81	1.75	0.420B	14
15	0.305B	0.321	0.300	0.298	5.36	5.01	2.03	0.650	0.334	1.87	1.64	0.455B	15
16	0.290B	0.395B	0.345	0.348	6.98	4.79	2.38	0.579	0.296	1.86	1.53	0.440B	16
17	0.287B	0.450B	0.331	0.385	7.21	4.88	2.80	0.501	0.266	1.86	1.18	0.500B	17
18	0.305B	0.420B	0.288	0.426	7.47	6.65	4.02	0.446	0.227	1.76	1.53	0.600B	18
19	0.340B	0.445B	0.262	0.509	8.68	7.08	4.14	0.404	0.233	1.78	1.41	0.710B	19
20	0.358B	0.375B	0.260	0.714	10.4	6.37	5.28	0.385	0.431	1.59	1.27	0.650B	20
21	0.346	0.340B	0.239	0.858	12.5	6.00	8.34	0.407	0.559	1.21	1.31	0.570B	21
22	0.386	0.294	0.258	0.977	13.1	5.96	8.95E	0.461	0.586	1.25	1.30	0.500B	22
23	0.593	0.275	0.239	1.32	11.3	6.46	7.58E	0.395	0.560	1.19	1.16	0.480B	23
24	0.589	0.275	0.224	2.38	10.9	5.76	8.38E	0.303	0.489	1.17	0.962	0.550B	24
25	0.544	0.283	0.277	2.11	10.8	4.69	7.33E	0.232	0.460	1.37	0.659	0.530B	25
26	0.500	0.278	0.315	1.65	12.6	3.62	6.24E	0.209	0.462	1.35	0.540B	0.500B	26
27	0.433	0.285B	0.345	1.62	9.81	3.04	5.39E	0.176	0.439	1.31	0.615B	0.500B	27
28	0.429	0.260B	0.386	1.43	7.90	2.71	5.19E	0.129	0.526	1.39	0.580B	0.510B	28
29	0.413		0.366	1.53	7.04	2.35	5.76E	0.120	0.786	1.81	0.610B	0.500B	29
30	0.405		0.381	1.95	6.58	2.17	5.38E	0.155	0.775	1.56	0.570B	0.460B	30
31	0.370		0.426		7.51		5.40E	0.221		1.40		0.425B	31
TOTAL	12.584	8.744	8.950	23.192	201.15	143.89	129.37	37.989	18.421	55.553	37.616	17.955	TOTAL
MEAN	0.406	0.312	0.289	0.773	6.49	4.80	4.17	1.23	0.614	1.79	1.25	0.579	MEAN
MAX	0.593	0.450	0.426	2.38	13.1	8.98	8.95	5.53	1.54	5.11	1.97	0.840	MAX
MIN	0.287	0.142	0.220	0.270	2.33	2.17	1.57	0.120	0.227	0.793	0.540	0.400	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.91
MAXIMUM DAILY, 13.1 ON MAY 22
MINIMUM DAILY, 0.120 ON AUG 29
MAXIMUM INSTANTANEOUS,
14.4 AT 06:42 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 120 57 54 W
DRAINAGE AREA, 490 km²
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 090	JUL	11 200
FEB	755	AUG	3 280
MAR	773	SEP	1 590
APR	2 000	OCT	4 800
MAY	17 400	NOV	3 250
JUN	12 400	DEC	1 550

TOTAL DISCHARGE, 60 100 dam³

CROOKED LAKE AT THE OUTLET - STATION NO. 08NM163

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.158	---	1.204	1.189	---	1.088	---	---	---	1
2	---	---	1.143	---	---	---	---	---	---	---	---	---	2
3	---	---	---	1.158	1.326	1.234	1.204	1.173	1.082	---	---	---	3
4	---	---	---	---	1.341	---	---	---	---	---	---	---	4
5	1.146	---	---	---	---	1.241	---	1.164	---	---	---	---	5
6	---	---	---	1.158	1.295	---	1.219	---	---	---	1.152	---	6
7	---	---	---	---	---	---	---	1.158	1.091	---	---	---	7
8	---	---	---	1.158	1.338	1.247	1.219	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	1.094	1.134	---	---	9
10	---	1.149	---	1.158	---	1.247	1.234	1.149	---	---	---	---	10
11	---	---	---	---	1.341	---	---	---	1.097	---	---	---	11
12	---	---	---	---	---	1.247	---	1.143	---	---	---	---	12
13	---	---	1.146	1.155	1.341	---	1.241	---	---	---	1.158	---	13
14	---	---	---	---	---	---	---	1.134	1.097	---	---	1.173	14
15	---	---	---	1.158	1.338	1.244	1.250	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	1.097	1.140	1.158	---	16
17	---	---	---	---	---	1.244	1.219	1.125	---	---	---	---	17
18	---	---	---	---	1.341	---	---	---	1.088	---	---	---	18
19	---	---	---	---	---	1.241	---	1.113	---	---	---	---	19
20	1.177	---	---	1.204	1.338	---	1.219	---	---	---	---	---	20
21	---	---	---	---	---	---	---	1.186	1.097	---	---	---	21
22	---	---	---	1.219	1.341	1.219	1.222	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	1.113	1.146	---	---	23
24	---	---	---	1.295	---	1.219	1.234	1.097	---	---	---	---	24
25	---	---	---	---	1.311	---	---	---	1.119	---	---	---	25
26	---	---	---	---	---	1.204	---	1.091	---	---	---	---	26
27	---	1.027	1.152	1.372	1.295	---	1.219	---	---	---	1.164	---	27
28	---	---	---	---	---	---	---	1.082	1.128	---	---	---	28
29	---		---	1.381	1.286	1.189	1.189	---	---	---	---	---	29
30	---		---	---	---	---	---	---	1.122	1.152	---	1.167	30
31	---		---		---		1.180	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 03 45 N
LONG 119 12 07 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CUSHEON CREEK AT OUTLET OF CUSHEON LAKE - STATION NO. 08NA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.617	0.254	0.480	0.185	0.074	0.017	0.011	0.001	0	0.001	0.004	0.268	1
2	0.526	0.254	0.294	0.180	0.072	0.015	0.009	0.001	0	0.001	0.005	0.332	2
3	0.462	0.205	0.272	0.169	0.074	0.015	0.009	0.001	0	0.001	0.007	0.342	3
4	0.401	0.199	0.258	0.162	0.073	0.014	0.008	0.001	0	0.001	0.007	0.346	4
5	0.342	0.177	0.251	0.254	0.069	0.018	0.008	0.001	0	0.001	0.012	0.512	5
6	0.306	0.167	0.246	0.258	0.070	0.019	0.007	0.001	0	0.002	0.014	0.650	6
7	0.268	0.153	0.182	0.254	0.066	0.018	0.006	0.001	0	0.001	0.015	0.684	7
8	0.240	0.142	0.177	0.240	0.076	0.020	0.005	0.001	0	0.002	0.018	0.634	8
9	0.227	0.153	0.155	0.221	0.073	0.021	0.004	0.001	0	0.001	0.019	0.667	9
10	0.187	0.159	0.148	0.199	0.068	0.028	0.003	0	0	0.001	0.019	0.732	10
11	0.185	0.164	0.113	0.205	0.061	0.027	0.003	0	0	0.001	0.028	0.797	11
12	0.187	0.177	0.107	0.224	0.057	0.024	0.003	0	0	0.001	0.045	0.775	12
13	0.177	0.237	0.090	0.221	0.056	0.023	0.003	0	0	0.001	0.054	0.642	13
14	0.146	0.290	0.098	0.215	0.053	0.021	0.002	0	0	0.001	0.078	0.667	14
15	0.142	0.321	0.129	0.202	0.047	0.018	0.002	0	0	0.001	0.149	0.694	15
16	0.129	0.930	0.129	0.190	0.044	0.019	0.001	0	0	0.001	0.202	0.684	16
17	0.118	0.960	0.098	0.172	0.040	0.017	0.001	0	0	0.001	0.221	0.667	17
18	0.118	0.960	0.098	0.157	0.038	0.021	0.001	0	0	0.001	0.314	0.667	18
19	0.129	1.20	0.084	0.131	0.042	0.026	0.001	0	0	0.001	0.370	0.676	19
20	0.127	1.24	0.078	0.124	0.040	0.023	0.001	0	0	0.001	0.356	0.732	20
21	0.151	1.20	0.073	0.111	0.035	0.022	0.001	0	0.001	0.001	0.385	0.713	21
22	0.185	1.15	0.073	0.120	0.033	0.023	0.001	0	0.001	0.001	0.390	0.684	22
23	0.190	0.960	0.077	0.111	0.029	0.022	0.001	0	0.001	0.001	0.462	0.634	23
24	0.185	0.960	0.077	0.096	0.028	0.020	0.001	0	0.001	0.001	0.555	0.512	24
25	0.193	0.912	0.084	0.085	0.031	0.019	0.001	0	0.001	0.001	0.512	0.444	25
26	0.202	0.786	0.120	0.074	0.029	0.018	0.001	0	0.001	0.001	0.401	0.411	26
27	0.202	0.642	0.098	0.073	0.026	0.016	0.001	0	0.001	0.001	0.385	0.370	27
28	0.254	0.525E	0.089	0.083	0.023	0.014	0.001	0	0.001	0.001	0.344	0.337	28
29	0.261		0.160	0.084	0.021	0.013	0.001	0	0.001	0.001	0.302	0.328	29
30	0.261		0.171	0.076	0.022	0.012	0.001	0	0.001	0.002	0.258	0.294	30
31	0.258		0.193		0.018		0.001	0		0.003		0.268	31
TOTAL	7.376	15.477	4.702	4.876	1.488	0.583	0.099	0.009	0.010	0.036	5.931	17.163	TOTAL
MEAN	0.238	0.553	0.152	0.163	0.048	0.019	0.003	0	0	0.001	0.198	0.554	MEAN
MAX	0.617	1.24	0.480	0.258	0.076	0.028	0.011	0.001	0.001	0.003	0.555	0.797	MAX
MIN	0.118	0.142	0.073	0.073	0.018	0.012	0.001	0	0	0.001	0.004	0.268	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.158
MAXIMUM DAILY, 1.24 ON FEB 20
MINIMUM DAILY, 0 ON AUG 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 42 N
LONG 123 27 16 W
DRAINAGE AREA, 2.46 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	637	JUL	8.55
FEB	1 340	AUG	0.78
MAR	406	SEP	0.86
APR	421	OCT	3.11
MAY	129	NOV	512
JUN	50.4	DEC	1 480

TOTAL DISCHARGE, 4 990 dam³

CUSHEON LAKE NEAR GANGES - STATION NO. 08HA038

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.254	1.088	1.050	1.040	0.999	0.944	0.937	0.824	0.699	0.690	0.880	1.100	1
2	1.224	1.086	1.045	1.040	0.999	0.940	0.930	0.818	0.699	0.700	0.890	1.130	2
3	1.200	1.086	1.041	1.032	0.998	0.940	0.928	0.813E	0.697	0.700	0.900	1.130	3
4	1.172	1.084	1.038	1.030	0.999	0.946	0.926	0.810	0.696	0.700	0.920	1.140	4
5	1.144	1.080	1.035	1.069	0.999	0.950	0.925	0.802	0.696	0.700	0.930	1.201	5
6	1.126	1.060	1.036	1.071	0.999	0.950	0.926	0.799	0.688	0.730	0.935	1.260	6
7	1.108	1.032	1.038	1.070	0.999	0.950	0.901	0.799	0.684	0.745	0.940	1.270	7
8	1.102	1.030	1.036	1.060	0.999	0.958	0.900	0.797	0.682	0.745	0.940	1.250	8
9	1.092	1.030	1.030	1.057	0.999	0.958	0.898	0.793	0.678	0.756	0.940	1.240	9
10	1.088	1.030	1.026	1.052	0.999	0.968	0.895	0.788	0.678	0.769	0.945	1.290	10
11	1.080	1.042	1.020	1.052	0.990	0.966	0.885	0.786	0.672	0.763	0.960	1.300	11
12	1.078	1.050	1.018	1.060	0.990	0.962	0.886	0.780	0.670	0.759	0.965	1.290	12
13	1.072	1.070	1.018	1.059	0.990	0.958	0.886	0.772	0.668	0.760	0.985	1.250	13
14	1.070	1.092	1.018	1.056	0.990	0.957	0.886	0.768	0.666	0.760	1.000	1.230	14
15	1.070	1.100	1.020	1.050	0.978	0.955	0.876	0.765	0.662	0.760	1.040	1.230	15
16	1.068	1.384	1.020	1.048	0.973	0.950	0.877	0.758	0.660	0.760	1.060	1.255	16
17	1.022	1.384	1.008	1.038	0.976	0.950	0.860	0.750	0.657	0.760	1.080	1.250	17
18	1.022	1.390	1.008	1.032	0.976	0.968	0.869	0.748	0.655	0.760	1.135	1.235	18
19	1.020	1.392	1.002	1.025	0.976	0.966	0.863	0.746	0.655	0.760	1.150	1.280	19
20	1.088	1.410	0.996	1.013	0.976	0.964	0.866	0.738	0.652	0.760	1.155	1.300	20
21	1.058	1.380	0.996	1.010	0.968	0.960	0.861	0.732	0.665	0.760	1.170	1.300	21
22	1.058	1.200	0.996	1.011	0.964	0.959	0.857	0.728	0.669	0.760	1.215	1.290	22
23	1.060	1.200	0.998	1.010	0.960	0.959	0.850	0.726	0.669	0.759	1.250	1.220	23
24	1.062	1.196	0.996	1.001	0.961	0.957	0.850	0.724	0.669	0.760	1.255	1.190	24
25	1.062	1.180	1.106	0.999	0.962	0.956	0.848	0.717	0.669	0.760	1.230	1.170	25
26	1.062	1.130	1.100	0.998	0.959	0.950	0.848	0.712	0.669	0.765	1.200	1.170	26
27	1.064	1.110	1.106	1.000	0.957	0.948	0.838	0.710	0.687	0.770	1.160	1.130	27
28	1.064	1.108	0.998	1.000	0.956	0.946	0.837	0.705	0.689	0.775	1.130	1.130	28
29	1.066		1.030	1.000	0.951	0.946	0.829	0.707	0.689	0.780	1.110	1.100	29
30	1.090		1.030	1.000	0.950	0.940	0.830	0.699	0.689	0.782	1.090	1.100	30
31	1.088		1.038		0.948		0.829	0.697		0.809		1.090	31
MEAN	1.091	1.158	1.029	1.033	0.979	0.954	0.877	0.758	0.676	0.752	1.052	1.210	MEAN
MAX	1.254	1.410	1.106	1.071	0.999	0.968	0.937	0.824	0.699	0.809	1.255	1.300	MAX
MIN	1.020	1.030	0.996	0.998	0.948	0.940	0.829	0.697	0.652	0.690	0.880	1.090	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 0.963
MAXIMUM DAILY, 1.410 ON FEB 20
MINIMUM DAILY, 0.652 ON SEP 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 52 N
LONG 123 28 00 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DAVES CREEK NEAR RUTLAND - STATION NO. 08NM137

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.091	0.054B	0.045	0.099	1.24	0.388	0.348	0.193	0.125A	0.048E	0.107	0.044	1
2	0.076	0.051B	0.048	0.099	0.903	0.323	0.246	0.178	0.144A	0.059E	0.095	0.044	2
3	0.074	0.054B	0.048	0.091	0.711	0.280	0.207	0.170	0.102A	0.051E	0.082	0.039	3
4	0.065	0.051B	0.051	0.085	0.654	0.269	0.190	0.164	0.085A	0.045E	0.074	0.045	4
5	0.062	0.048B	0.048	0.082	0.578	0.269	0.184	0.159	0.076E	0.040E	0.068	0.046	5
6	0.062	0.048B	0.037B	0.088	0.549	0.289	0.204	0.147	0.065E	0.051E	0.065	0.046	6
7	0.059	0.051B	0.048	0.085	0.493	0.261	0.589	0.142	0.057E	0.062E	0.063	0.043	7
8	0.059	0.031B	0.042	0.079	0.513	0.365	0.753	0.130	0.051E	0.071A	0.062	0.040	8
9	0.057	0.020B	0.045	0.079	0.541	0.883	0.589	0.119	0.048E	0.065E	0.065	0.041	9
10	0.054	0.011B	0.048	0.076	0.535	0.810	0.583	0.113	0.042E	0.059E	0.064	0.048	10
11	0.042B	0.012B	0.054	0.076	0.504	0.719	0.606	0.105	0.040E	0.054E	0.064	0.034B	11
12	0.054	0.013B	0.057	0.068	0.515	0.515	0.436	0.102	0.034E	0.048E	0.068	0.025B	12
13	0.037B	0.014B	0.059	0.068	0.490	0.620	0.496	0.091	0.031E	0.042E	0.065	0.026B	13
14	0.042	0.031	0.062	0.076	0.484	0.589	0.716	0.085	0.027E	0.045E	0.064	0.028B	14
15	0.027B	0.034	0.062	0.105	0.646	0.473	0.518	0.085	0.024E	0.048E	0.063	0.031B	15
16	0.025B	0.045	0.096	0.150	0.694	0.433	0.445	0.079	0.021E	0.045E	0.061	0.028B	16
17	0.028B	0.054	0.085	0.164	0.578	0.379	0.391	0.088	0.020E	0.042E	0.059	0.028B	17
18	0.027E	0.051	0.076	0.167	0.530	0.391	0.368	0.082	0.037E	0.040E	0.060	0.031	18
19	0.037	0.059	0.071	0.187	0.513	0.453	0.360	0.079A	0.059E	0.040E	0.060	0.033	19
20	0.040	0.054	0.071	0.229	0.518	0.365	0.331	0.074E	0.042E	0.037E	0.059	0.032	20
21	0.042	0.051	0.068	0.258	0.974	0.320	0.303	0.065E	0.045E	0.040E	0.060	0.029	21
22	0.062	0.048	0.071	0.294	0.694	0.300	0.272	0.054E	0.040E	0.042E	0.061	0.025	22
23	0.147	0.048	0.065	0.422	0.538	0.309	0.280	0.048E	0.034E	0.045A	0.058	0.023	23
24	0.176	0.051	0.068	1.40	0.459	0.258	0.481	0.042E	0.040E	0.052	0.056	0.024	24
25	0.130	0.057	0.076	1.06	0.728	0.232	0.518	0.034E	0.037E	0.055	0.051	0.027	25
26	0.113	0.054	0.085	0.816	0.864	0.212	0.343	0.028E	0.034E	0.060	0.049	0.027	26
27	0.099	0.048	0.091	0.685	0.541	0.198	0.266	0.026A	0.040E	0.072	0.044	0.027	27
28	0.093	0.048	0.096	0.631	0.419	0.187	0.235	0.023A	0.048E	0.117	0.042	0.027	28
29	0.085		0.110	0.663	0.360	0.190	0.224	0.068A	0.045E	0.157	0.043	0.025	29
30	0.076		0.113	1.13	0.362	0.201	0.227	0.136A	0.040E	0.120	0.041	0.024	30
31	0.071		0.102		0.408		0.207	0.088A		0.105		0.022	31
TOTAL	2.112	1.191	2.098	9.512	18.536	11.481	11.916	2.997	1.533	1.857	1.873	1.012	TOTAL
MEAN	0.068	0.043	0.068	0.317	0.598	0.383	0.384	0.097	0.051	0.060	0.062	0.033	MEAN
MAX	0.176	0.059	0.113	1.40	1.24	0.883	0.753	0.193	0.144	0.157	0.107	0.048	MAX
MIN	0.025	0.011	0.037	0.068	0.360	0.187	0.184	0.023	0.020	0.037	0.041	0.022	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 1.40 ON APR 24
MINIMUM DAILY, 0.011B ON FEB 10
MAXIMUM INSTANTANEOUS,
1.71 AT 18:00 PST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 05 N
LONG 119 16 27 W
DRAINAGE AREA, 31.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	182	JUL	1 030
FEB	103	AUG	259
MAR	181	SEP	132
APR	822	OCT	160
MAY	1 600	NOV	162
JUN	992	DEC	87.4

TOTAL DISCHARGE, 5 710 dam³

DAWSON CREEK ABOVE SOUTH DAWSON CREEK - STATION NO. 07FD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.992	0.061	0.004	0.003E	0.082	0	---	---	1
2	---	---	---	---	0.864E	0.076	0.003	0.002E	0	---	---	---	2
3	---	---	---	---	0.733E	0.098	0.003	0.002	0	---	---	---	3
4	---	---	---	---	0.605	0.058	0.003E	0.002	0	---	---	---	4
5	---	---	---	---	0.513	0.036	0.003E	0.002	0	---	---	---	5
6	---	---	---	---	0.427	0.028E	0.003E	0.002	0 E	---	---	---	6
7	---	---	---	---	0.341	0.020E	0.003E	0.002	0	---	---	---	7
8	---	---	---	---	0.347	0.013	0.003E	0.002E	0	---	---	---	8
9	---	---	---	---	0.340E	0.005	0.004E	0.002E	0	---	---	---	9
10	---	---	---	---	0.334E	0.013	0.004E	0.001	0	---	---	---	10
11	---	---	---	---	0.325	0.004	0.004E	0.001	0	---	---	---	11
12	---	---	---	---	0.217	0.005	0.004E	0.001	0 E	---	---	---	12
13	---	---	---	---	0.171	0.007E	0.004	0.001	0 E	---	---	---	13
14	---	---	---	---	0.130	0.008E	0.004	0.001	0	---	---	---	14
15	---	---	---	---	0.167	0.010	0.004	0.001E	0	---	---	---	15
16	---	---	---	---	0.146E	0.028	0.004	0 E	0	---	---	---	16
17	---	---	---	---	0.124E	0.020	0.004	0	0	---	---	---	17
18	---	---	---	---	0.104E	0.036	0.010E	0	0	---	---	---	18
19	---	---	---	---	0.084	0.041	0.016E	0	0 E	---	---	---	19
20	---	---	---	---	0.069	0.032E	0.023	0	0 E	---	---	---	20
21	---	---	---	4.25	0.071	0.024E	0.018	0	0	---	---	---	21
22	---	---	---	4.18	0.093	0.011	0.013	0 E	0	---	---	---	22
23	---	---	---	2.16	0.074E	0.053	0.005	0 E	0	---	---	---	23
24	---	---	---	5.72	0.055E	0.038	0.004	0	0	---	---	---	24
25	---	---	---	4.25E	0.036	0.018	0.004E	0	0	---	---	---	25
26	---	---	---	2.75E	0.058	0.008	0.004E	0	0 E	---	---	---	26
27	---	---	---	1.27	0.030	0.008E	0.004	0.001	0 E	---	---	---	27
28	---	---	---	1.13	0.038	0.008E	0.004	0	0	---	---	---	28
29	---		---	1.40	0.041	0.008	0.004	0 E	0	---	---	---	29
30	---		---	1.20	0.048E	0.004	0.003	0 E	0	---		---	30
31	---		---		0.054E		0.003	0		---		---	31
TOTAL	---	---	---	---	7.431	0.779	0.176	0.026	0.082	---	---	---	TOTAL
MEAN	---	---	---	---	0.246	0.026	0.006	0.001	0	---	---	---	MEAN
MAX	---	---	---	---	0.992	0.098	0.023	0.003	0.082	---	---	---	MAX
MIN	---	---	---	---	0.030	0.004	0.003	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.72 ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 45 43 N
LONG 120 15 00 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15.2
FEB	---	AUG	2.25
MAR	---	SEP	0.17
APR	---	OCT	---
MAY	659	NOV	---
JUN	67.3	DEC	---

DEADMAN RIVER ABOVE CRISS CREEK - STATION NO. 08LF027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.680	0.467	0.382	0.382	2.33	5.54	4.49	4.08	0.852	0.908	0.750	0.816	1
2	0.680	0.481	0.382	0.382	2.81	5.28	4.26	4.13	0.889	0.889	0.736	0.871	2
3	0.665	0.481	0.368	0.382	2.93	5.08	3.95	3.99	0.908	0.871	0.736	0.871	3
4	0.665	0.481	0.368	0.382	3.43	4.83	3.58	3.81	0.908	0.852	0.736	0.871	4
5	0.665	0.481	0.368	0.382	3.84	4.59	3.36	3.54	0.926	0.834	0.736	0.871	5
6	0.665	0.496	0.354	0.382	4.13	4.31	3.09	3.18	0.926	0.834	0.736	0.908	6
7	0.665	0.496	0.354	0.382	4.32	3.99	2.93	2.73	0.908	0.834	0.736	0.908	7
8	0.651	0.524	0.354	0.382	4.37	3.72	2.77	2.41	0.908	0.834	0.750	0.926	8
9	0.651	0.425B	0.354	0.396	4.46	3.72	2.77	2.11	0.889	0.889	0.750	0.963B	9
10	0.651	0.368B	0.354	0.396	4.67	3.77	2.77	1.96	0.889	0.852	0.750	0.850B	10
11	0.651	0.405B	0.368	0.396	4.77	3.81	2.93	1.78	0.871	0.816	0.765	0.694B	11
12	0.637	0.453B	0.368	0.411	4.88	3.81	2.85	1.50	0.889	0.779	0.779	0.665B	12
13	0.637	0.524B	0.368	0.411	5.10	3.86	2.81	1.37	0.889	0.797	0.797	0.699B	13
14	0.637	0.623	0.368	0.425	5.32	4.31	2.81	1.31	0.889	0.765	0.816	0.750B	14
15	0.637	0.580	0.354	0.425	5.55	4.40	2.77	1.10	0.926	0.750	0.816	0.765	15
16	0.623	0.524	0.354	0.425	5.89	4.49	2.81	1.05	0.889	0.750	0.816	0.779	16
17	0.623	0.439	0.354	0.425	5.78	4.54	2.61	0.963	0.871	0.750	0.816	0.779	17
18	0.623	0.411	0.354	0.439	5.61	4.59	2.53	0.908	0.889	0.736	0.816	0.779	18
19	0.623	0.467	0.340	0.481	5.78	4.73	2.61	0.852	0.926	0.736	0.816	0.797	19
20	0.609	0.411	0.340	0.496	5.89	4.98	2.97	0.889	0.926	0.736	0.797	0.797	20
21	0.609	0.382	0.340	0.524	6.23	5.08	3.27	0.908	0.944	0.722	0.797	0.797	21
22	0.637	0.368	0.354	0.510	6.65	5.28	3.40	0.889	0.926	0.722	0.779	0.765B	22
23	0.651	0.368	0.354	0.552	7.00	5.49	3.31	0.852	0.908	0.722	0.779	0.736B	23
24	0.665	0.368	0.340	0.580	7.05	5.69	4.17	0.834	0.908	0.722	0.779	0.821B	24
25	0.637	0.382	0.354	0.623	6.73	5.64	4.59	0.852	0.908	0.722	0.779	0.844B	25
26	0.609	0.382	0.354	0.566	6.56	5.54	4.83	0.871	0.889	0.722	0.779	0.765B	26
27	0.580	0.382	0.368	0.722	6.30	5.39	4.93	0.871	0.889	0.722	0.779	0.793B	27
28	0.552	0.382	0.368	0.926	6.10	5.23	4.73	0.871	0.889	0.736	0.797	0.807B	28
29	0.538		0.368	1.21	6.00	4.98	4.36	0.871	0.908	0.750	0.797	0.807B	29
30	0.510		0.368	1.79	5.84	4.78	4.26	0.871	0.926	0.750	0.816	0.722B	30
31	0.467		0.368		5.69		3.99	0.852		0.750		0.694B	31
TOTAL	19.393	12.551	11.142	16.185	162.01	141.45	107.51	53.204	27.063	24.252	23.331	24.910	TOTAL
MEAN	0.626	0.448	0.359	0.540	5.23	4.72	3.47	1.72	0.902	0.782	0.778	0.804	MEAN
MAX	0.680	0.623	0.382	1.79	7.05	5.69	4.93	4.13	0.944	0.908	0.816	0.963	MAX
MIN	0.467	0.368	0.340	0.382	2.33	3.72	2.53	0.834	0.852	0.722	0.736	0.665	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 7.05 ON MAY 24
MINIMUM DAILY, 0.340 ON MAR 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 53 53 N
LONG 120 58 28 W
DRAINAGE AREA, 862 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	9 290
FEB	1 080	AUG	4 600
MAR	963	SEP	2 340
APR	1 400	OCT	2 100
MAY	14 000	NOV	2 020
JUN	12 200	DEC	2 150

TOTAL DISCHARGE, 53 800 dam³

DEAN RIVER BELOW TANSWANKET CREEK - STATION NO. 08FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0 B	6.45B	5.00B	4.65B	34.2E	83.5	30.6	10.9	4.16	4.41	8.50	4.55B	1
2	11.7 B	6.20B	4.84B	4.65B	32.8E	78.4	29.4	10.0	4.12E	7.14	9.43	4.65B	2
3	11.2 B	5.85B	4.82B	4.62B	31.8E	72.1	31.4	9.40	4.10E	6.97	8.96	4.70B	3
4	10.9 B	5.60B	4.81B	4.60B	31.2E	65.8	31.4	8.79	4.13E	5.80	8.27	4.70B	4
5	10.4 B	5.30B	4.80B	4.60B	30.8E	59.8	27.0	8.36	4.19E	5.25	8.14	4.65B	5
6	10.2 B	5.15B	4.78B	4.55B	29.3A	54.1	23.7	8.13	4.10E	4.85	8.20	4.60B	6
7	10.0 B	5.00B	4.75B	4.45B	33.0	49.7	21.7	7.93	4.09E	4.95	7.74	4.55B	7
8	9.90B	4.90B	4.73B	4.40B	33.7	45.8	19.5	7.73	4.08E	4.97	7.70	4.45B	8
9	9.80B	4.80B	4.71B	4.35B	34.7	42.5	17.8	7.31	4.10E	5.18	7.73	4.40B	9
10	9.65B	4.70B	4.70B	4.30B	34.7	40.8	17.2	6.89	4.12E	4.93	7.80	4.35B	10
11	9.55B	4.65B	4.70B	4.25B	33.1	42.6	16.7	6.40	4.04E	4.82	8.05	4.30B	11
12	9.45B	4.70B	4.70B	4.20B	32.6	47.0	16.7	6.17	3.95E	4.65	8.87	4.25B	12
13	9.40B	4.80B	4.65B	4.25B	34.5	47.7	17.3	5.67	3.81E	4.64	9.44	4.10B	13
14	9.25B	5.00B	4.60B	4.30B	41.0	45.5	17.6	5.31	3.77E	4.65	8.56	4.00B	14
15	9.10B	5.10B	4.58B	4.60B	52.9	44.1	17.1	5.05	3.71E	4.62	8.30	3.90B	15
16	9.03B	5.25B	4.55B	5.30B	60.4	43.1	17.0	4.65	3.70E	4.63	7.89	3.90B	16
17	9.05B	5.40B	4.50B	6.50B	61.6	40.2	17.0	4.44	3.71E	4.61	8.07	3.90B	17
18	9.10B	5.50B	4.50B	7.55B	63.1	37.7	16.9	4.17	3.72E	4.54	6.69	3.85B	18
19	9.35B	5.60B	4.45B	9.00B	65.4	37.5	17.0	3.97	3.71E	4.63	6.20B	3.80B	19
20	9.60B	5.65B	4.40B	10.5 B	76.7	38.2	16.6	3.88	3.65E	4.29	5.95B	3.80B	20
21	9.65B	5.68B	4.35B	12.5 B	86.4	37.1	15.2	3.82	3.60E	4.03	5.79B	3.75B	21
22	9.60B	5.62B	4.30B	17.2 B	92.4	35.7	13.8	3.76	3.54A	3.88	5.50B	3.60B	22
23	9.40B	5.60B	4.26B	22.0 B	96.4	35.9	13.6	3.72	3.52	3.89	5.20B	3.55B	23
24	9.25B	5.55B	4.28B	25.0 B	95.9	36.1	14.7	3.68	3.66	4.18	4.95B	3.51B	24
25	8.90B	5.45B	4.30B	30.0 B	97.3	34.8	14.8	3.66	3.70	4.18	4.80B	3.50B	25
26	8.65B	5.35B	4.35B	27.5 B	103	33.7	14.3	3.60	3.79	4.44	4.70B	3.50B	26
27	8.30B	5.25B	4.40B	26.7 B	106	33.5	13.4	3.58	3.86	4.17	4.60B	3.50B	27
28	7.90B	5.20B	4.45B	29.5 E	97.5	31.9	12.5	3.66	3.79	4.34	4.55B	3.48B	28
29	7.50B		4.50B	33.0 E	88.2	30.9	11.6	3.68	3.80	4.56	4.50B	3.45B	29
30	7.10B		4.55B	36.0 E	84.9	30.7	12.0	3.92	3.69	4.71	4.51B	3.41B	30
31	6.85B		4.60B		84.9		12.0	4.05		5.33		3.40B	31
TOTAL	291.73	149.30	141.91	365.02	1 880.4	1 356.4	567.5	176.36	115.91	148.24	209.59	124.05	TOTAL
MEAN	9.41	5.33	4.58	12.2	60.7	45.2	18.3	5.69	3.86	4.78	6.99	4.00	MEAN
MAX	12.0	6.45	5.00	36.0	106	83.5	31.4	10.9	4.19	7.14	9.44	4.70	MAX
MIN	6.85	4.65	4.26	4.20	29.3	30.7	11.6	3.60	3.52	3.88	4.50	3.40	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 106 ON MAY 27
MINIMUM DAILY, 3.40B ON DEC 31
MAXIMUM INSTANTANEOUS,
110 AT 09:53 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 23 N
LONG 125 46 17 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 200	JUL	49 000
FEB	12 900	AUG	15 200
MAR	12 300	SEP	10 000
APR	31 500	OCT	12 800
MAY	162 000	NOV	18 100
JUN	117 000	DEC	10 700

TOTAL DISCHARGE, 477 000 dam³

DEASE LAKE NEAR TELEGRAPH CREEK - STATION NO. 10AC001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.588E	0.533E	0.460	0.421E	0.427E	1.820E	1.265E	0.780E	0.664E	0.704E	0.747	---	1
2	0.588E	0.530E	0.460E	0.421E	0.427	1.798E	1.253E	0.774E	0.668	0.708E	0.738E	---	2
3	0.591	0.527E	0.460E	0.424E	0.433E	1.774	1.237E	0.771E	0.661E	0.707E	0.732E	---	3
4	0.585E	0.524E	0.460E	0.424	0.439E	1.734E	1.222E	0.768E	0.658E	0.707	0.722E	---	4
5	0.579E	0.521E	0.460E	0.424E	0.442E	1.695E	1.210E	0.765E	0.655	0.707E	0.713	---	5
6	0.573E	0.518E	0.460E	0.421E	0.448E	1.652	1.189E	0.753E	0.658E	0.707E	0.722E	---	6
7	0.567E	0.515E	0.460	0.421E	0.454E	1.591E	1.170E	0.741E	0.661E	0.710	0.732E	---	7
8	0.561E	0.512	0.457E	0.421E	0.457E	1.591E	1.155E	0.728E	0.664E	0.704E	0.741	---	8
9	0.555E	0.509E	0.454E	0.421E	0.463E	1.615E	1.146E	0.722E	0.668	0.701E	0.735E	---	9
10	0.549E	0.503E	0.451E	0.418E	0.469	1.631E	1.134E	0.719E	0.671E	0.695E	0.728E	---	10
11	0.543	0.500E	0.451E	0.418	0.533E	1.631E	1.125E	0.716E	0.671E	0.689	0.725E	---	11
12	0.533E	0.497E	0.448E	0.421E	0.600E	1.622E	1.113E	0.716E	0.674	0.683E	0.719	---	12
13	0.521E	0.494E	0.445E	0.421E	0.664E	1.615E	1.094E	0.692E	0.677E	0.677E	0.716E	---	13
14	0.512E	0.488E	0.442	0.424E	0.732E	1.594E	1.079E	0.674E	0.680E	0.668	0.710E	---	14
15	0.500E	0.485	0.439E	0.424E	0.796E	1.570E	1.067E	0.661E	0.683E	0.674E	0.704	---	15
16	0.491E	0.485E	0.436E	0.427E	0.863	1.533E	1.055E	0.652E	0.686	0.680E	0.698E	---	16
17	0.479	0.482E	0.433E	0.427E	0.969E	1.509E	1.045E	0.643E	0.689E	0.686E	0.689E	---	17
18	0.485E	0.482E	0.430E	0.427	1.076E	1.481E	1.036E	0.634E	0.695E	0.692	0.683	---	18
19	0.494E	0.482E	0.427E	0.427E	1.183	1.442E	1.027E	0.622E	0.701	0.692	0.622E	---	19
20	0.500E	0.479E	0.424	0.427E	1.308E	1.402E	1.018E	0.613E	0.704E	0.686E	0.561E	---	20
21	0.509E	0.479E	0.424E	0.424E	1.430E	1.369E	1.003E	0.610E	0.707	0.683E	0.500	---	21
22	0.515E	0.475	0.424E	0.424E	1.551	1.338E	0.991E	0.610E	0.701E	0.680	---	---	22
23	0.521E	0.475E	0.421E	0.424	1.628E	1.320E	0.978E	0.607E	0.695	0.692E	---	---	23
24	0.530E	0.472E	0.421E	0.424E	1.707	1.323E	0.963E	0.607E	0.695E	0.704	---	---	24
25	0.536	0.469E	0.421E	0.424E	1.759E	1.326E	0.945E	0.573E	0.695E	0.710E	---	---	25
26	0.536E	0.466E	0.418E	0.424E	1.811E	1.329E	0.914E	0.622	0.695E	0.719E	---	---	26
27	0.536E	0.463E	0.418E	0.424E	1.859	1.329E	0.890E	0.634E	0.695	0.728E	---	---	27
28	0.536E	0.460E	0.418	0.424E	1.862E	1.308E	0.866E	0.643E	0.698E	0.738E	---	---	28
29	0.536E		0.418E	0.427E	1.862E	1.292E	0.832E	0.655	0.701E	0.747	---	---	29
30	0.536E		0.418E	0.427E	1.862	1.277E	0.811E	0.658E	0.704	0.747E	---	---	30
31	0.539		0.421E		1.841E		0.796E	0.661E		0.747E		---	31
MEAN	0.536	0.494	0.438	0.424	1.044	1.517	1.053	0.678	0.682	0.702	---	---	MEAN
MAX	0.591	0.533	0.460	0.427	1.862	1.820	1.265	0.780	0.707	0.747	---	---	MAX
MIN	0.479	0.460	0.418	0.418	0.427	1.277	0.796	0.573	0.655	0.668	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.862E ON MAY 28
MINIMUM DAILY, 0.418E ON MAR 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 27 35 N
LONG 130 02 12 W

E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DEASE RIVER AT MCDAME - STATION NO. 10AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.2B	15.9B	16.7B	19.1B	26.8B	710E	307	107	123	111	123	51.8B	1
2	23.5B	16.0B	16.8B	19.3B	29.0B	640E	332	102	116	113	108	50.0B	2
3	23.6B	16.0B	16.8B	19.3B	31.2B	580E	352	98.1	103	105	110	47.2B	3
4	23.3B	15.8B	16.7B	19.2B	33.2B	540E	321	99.9	95.5	97.9	115	45.0B	4
5	22.9B	15.5B	16.6B	19.0B	37.2B	495E	278	103	93.1	91.0	105	43.5B	5
6	23.0B	15.6B	16.7B	18.9B	40.5B	460E	260	109	109	86.9	114	42.5B	6
7	22.8B	16.0B	16.9B	18.7B	45.1	435E	269	102	138	85.5	102	41.8B	7
8	22.4B	16.2B	17.2B	18.5B	53.6	405E	267	92.7	144	83.5	102	40.8B	8
9	22.0B	16.1B	17.7B	18.2B	66.7	390	249	85.7	157	81.1	104	40.3B	9
10	21.6B	16.0B	17.8B	18.1B	86.5	373	238	80.6	184	78.8	105	40.3B	10
11	21.4B	16.1B	17.9B	18.1B	98.7	383	241	77.2	179	77.0	95.3	40.2B	11
12	21.3B	16.1B	17.9B	18.3B	107	392	255	73.4	164	74.9	97.0	40.2B	12
13	21.1B	16.0B	17.8B	18.6B	120	403	250	69.9	147	77.9	93.0	40.4B	13
14	20.5B	16.3B	17.9B	18.7B	134	413	229	66.9	134	90.9	90.7	40.9B	14
15	19.8B	16.7B	18.0B	18.8B	153	427	217	65.3	140	109	82.1	41.0B	15
16	19.7B	16.9B	18.0B	18.9B	181	417	207	63.2	156	148	74.6	41.0B	16
17	19.4B	17.0B	17.9B	19.1B	220	405	202	60.0	154	138	70.0B	41.0B	17
18	18.9B	16.8B	17.7B	19.7B	261	415	203	58.1	148	138	64.0B	41.0B	18
19	18.3B	16.6B	17.7B	19.9B	298	406	198	56.2	146	139	62.5B	40.8B	19
20	17.9B	16.5B	17.6B	19.9B	347	399	183	55.4	137	125	60.0B	40.0B	20
21	17.8B	16.5B	17.5B	19.9B	387	421	167	55.2	128	115	59.0B	38.2B	21
22	18.0B	16.5B	17.5B	20.1B	428	437	156	55.3	121	110	57.0B	37.0B	22
23	17.9B	16.4B	17.9B	20.2B	470	417	150	54.3	116	106	56.5B	36.9B	23
24	17.1B	16.2B	18.4B	20.5B	498	409	143	52.2	114	116	56.0B	36.7B	24
25	16.4B	16.1B	18.7B	20.9B	539	410	137	50.1	111	140	56.0B	35.3B	25
26	16.0B	16.0B	18.8B	21.4B	615	378	139	49.4	106	154	55.5B	31.8B	26
27	16.1B	16.0B	18.7B	22.5B	660 E	348	136	52.3	101	144	55.0B	30.0B	27
28	16.2B	16.2B	18.7B	23.6B	715 E	326	131	149	98.7	132	53.9B	28.8B	28
29	16.0B		18.9B	24.4B	760 E	307	124	224	98.1	129	53.0B	28.2B	29
30	15.8B		19.0B	25.3B	780 E	328	118	168	98.9	127	52.1B	29.0B	30
31	15.8B		19.0B		770 E		112	139		131		27.7B	31
TOTAL	609.7	454.0	551.4	597.1	8 991.5	12 869	6 571	2 674.4	3 860.3	3 455.4	2 431.2	1 209.3	TOTAL
MEAN	19.7	16.2	17.8	19.9	290	429	212	86.3	129	111	81.0	39.0	MEAN
MAX	23.6	17.0	19.0	25.3	780	710	352	224	184	154	123	51.8	MAX
MIN	15.8	15.5	16.6	18.1	26.8	307	112	49.4	93.1	74.9	52.1	27.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 121
MAXIMUM DAILY, 780E ON MAY 30
MINIMUM DAILY, 15.5B ON FEB 5
MAXIMUM INSTANTANEOUS,
796 ON MAY 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 11 20 N
LONG 129 12 44 W
DRAINAGE AREA, 6 940 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 700	JUL	568 000
FEB	39 200	AUG	231 000
MAR	47 600	SEP	334 000
APR	51 600	OCT	299 000
MAY	777 000	NOV	210 000
JUN	1 110 000	DEC	104 000

TOTAL DISCHARGE, 3 820 000 dam³

DEASE RIVER AT OUTLET OF DEASE LAKE - STATION NO. 10AC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.12B	5.02B	4.52B	3.94B	3.89	139	53.9	18.2	10.0	13.6	17.2	11.3	1
2	7.15B	5.04B	4.55B	3.85B	3.96	133	53.9	17.8	9.65	12.8	15.8	11.1	2
3	7.16B	5.00B	4.48B	3.85B	4.05	126	53.2	17.2	9.48	12.7	16.4	12.0	3
4	7.00B	4.87B	4.39B	3.77B	4.24	118	50.2	16.3	9.40	12.6	16.3	11.6	4
5	6.90B	4.80B	4.27B	3.74B	4.51	109	48.0	16.2	9.56	12.2	17.3	11.0	5
6	7.00B	4.82B	4.30B	3.60	4.98	101	48.0	15.7	10.0	12.2	17.6	10.4	6
7	6.90B	4.85B	4.33B	3.60	5.52	95.3	47.1	14.8	10.3	12.1	16.9	10.1	7
8	6.70B	4.85B	4.41B	3.60	6.16	89.4	45.7	14.1	10.1	12.1	17.2	9.94	8
9	6.62B	4.80B	4.50B	3.51	7.15	83.5	44.1	13.2	10.6	12.0	17.4	9.42B	9
10	6.70B	4.76B	4.50B	3.38	8.08	78.3	43.0	12.5	10.7	12.0	16.4	9.38B	10
11	6.80B	4.73B	4.46B	3.38	9.08	74.1	41.8	12.0	10.8	12.0	16.6	9.19B	11
12	6.79B	4.62B	4.37B	3.42	10.3	70.9	40.2	11.6	10.2	12.2	17.1	9.00B	12
13	6.66B	4.61B	4.32B	3.43	12.7	67.9	38.6	11.1	9.97	12.2	16.6	8.90B	13
14	6.48B	4.70B	4.34B	3.41	16.3	66.3	37.1	10.9	10.0	12.3	16.1	8.88B	14
15	6.42B	4.80B	4.39B	3.46	22.5	64.4	35.4	10.6	10.6	13.0	15.4	8.90B	15
16	6.28B	4.82B	4.40B	3.47	29.9	62.2	33.7	10.3	11.1	13.8	14.4	8.90B	16
17	6.20B	4.85B	4.35B	3.49	38.2	63.5	32.3	9.75	10.9	13.6	13.7	8.80B	17
18	6.19B	4.68B	4.22B	3.51	47.4	66.6	31.1	9.57	11.4	14.2	13.2	8.70B	18
19	6.18B	4.60B	4.09B	3.54	56.4	68.5	29.4	9.45	11.7	14.1	12.5	8.60B	19
20	6.08B	4.63B	3.98B	3.57	68.8	70.1	28.0	9.49	11.5	13.8	11.8	8.35B	20
21	6.16B	4.60B	3.93B	3.51	80.7	71.7	26.6	9.23	11.6	13.8	11.8	7.80B	21
22	6.19B	4.49B	3.90B	3.55	91.2	71.3	25.4	8.99	11.7	14.1	11.6	7.60B	22
23	6.05B	4.30B	3.91B	3.55	100	70.0	24.4	8.66	12.0	14.5	11.3	7.50B	23
24	5.90B	4.20B	4.00B	3.58	108	68.6	23.9	8.48	11.9	15.5	11.0	7.35B	24
25	5.60B	4.18B	4.05B	3.62	118	67.2	23.6	8.25	11.9	17.3	11.6	6.98B	25
26	5.38B	4.19B	4.08B	3.60	127	64.7	22.6	8.32	11.7	17.6	11.4	6.65B	26
27	5.26B	4.30B	4.07B	3.58	136	61.8	22.1	8.63	11.5	17.8	11.5	6.38B	27
28	5.26B	4.44B	4.00B	3.63	142	58.6	21.2	11.6	11.9	18.8	11.7	6.10B	28
29	5.13B		4.00B	3.72	144	57.2	20.7	11.3	11.8	18.3	11.4	6.00B	29
30	5.02B		4.01B	3.76	145	56.0	19.9	10.5	12.5	18.1	11.2	6.00B	30
31	5.00B		3.99B		144		19.2	10.3		18.2		6.00B	31
TOTAL	194.28	130.55	131.11	107.62	1 700.02	2 394.1	1 084.3	365.02	326.46	439.5	430.4	268.82	TOTAL
MEAN	6.27	4.66	4.23	3.59	54.8	79.8	35.0	11.8	10.9	14.2	14.3	8.67	MEAN
MAX	7.16	5.04	4.55	3.94	145	139	53.9	18.2	12.5	18.8	17.6	12.0	MAX
MIN	5.00	4.18	3.90	3.38	3.89	56.0	19.2	8.25	9.40	12.0	11.0	6.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 145 ON MAY 30
MINIMUM DAILY, 3.38 ON APR 10
MAXIMUM INSTANTANEOUS,
146 AT 15:00 PST ON MAY 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 50 N
LONG 130 05 00 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	93 700
FEB	11 300	AUG	31 500
MAR	11 300	SEP	28 200
APR	9 300	OCT	38 000
MAY	147 000	NOV	37 200
JUN	207 000	DEC	23 200

TOTAL DISCHARGE, 655 000 dam³

DEEP CREEK AT ARMSTRONG - STATION NO. 08NK119

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.086	0.068	0.410	0.271	0.562	0.392	0.246	0.050	0.008E	0.023	0.064	0.109	1
2	0.080	0.061	0.365	0.279	0.642	0.338	0.226	0.046	0.011E	0.038	0.064	0.152	2
3	0.076E	0.057	0.328	0.271	0.602	0.356	0.206	0.038	0.010E	0.030E	0.062	0.147	3
4	0.070	0.055	0.642	0.255	0.586E	0.320	0.185	0.023	0.008	0.022	0.061	0.123	4
5	0.066	0.053	0.673	0.304	0.572	0.271	0.162	0.022	0.007	0.026	0.059	0.135	5
6	0.066	0.051	0.475	0.320	0.552	0.271	0.167	0.017	0.006	0.036	0.055	0.167E	6
7	0.066	0.055	0.383	0.287	0.513	0.233	0.199	0.015	0.006	0.051	0.055E	0.212	7
8	0.064	0.051	0.320	0.263	0.485	0.226	0.199	0.013	0.012	0.051	0.055	0.162	8
9	0.062	0.048	0.296	0.279	0.447	0.246	0.192	0.010	0.012	0.055	0.055	0.152	9
10	0.062	0.046	0.279	0.255	0.447	0.287	0.172	0.006	0.013	0.051	0.055	0.147	10
11	0.062E	0.035	0.271	0.240	0.447	0.304	0.219	0.006	0.014	0.040	0.057	0.142	11
12	0.061	0.044	0.263	0.279	0.428	0.246	0.199	0.006	0.014	0.036	0.086	0.114	12
13	0.057	0.036	0.263	0.246	0.392	0.304	0.192	0.005	0.017	0.036	0.076	0.092	13
14	0.057	0.039	0.246	0.233	0.392	0.304	0.130	0.004	0.017	0.035	0.074	0.078	14
15	0.055	0.059	0.255	0.219	0.485	0.328	0.135	0.004	0.014	0.032	0.072	0.090	15
16	0.051	0.149	0.271	0.212	0.622	0.356	0.105	0.004	0.017	0.033	0.072	0.082	16
17	0.051	0.149	0.255	0.178	0.572	0.356	0.074	0.004	0.017	0.036	0.074	0.078	17
18	0.050	0.176	0.226	0.199	0.513	0.328	0.074	0.003	0.017	0.036	0.121	0.070	18
19	0.051	0.365	0.212	0.178	0.466	0.494	0.068	0.002	0.019E	0.036	0.121	0.080	19
20	0.051	0.475	0.199	0.173	0.456	0.475	0.068	0.002	0.022	0.036	0.118	0.080	20
21	0.051	0.410	0.174	0.263	0.419	0.401	0.064	0.002	0.021	0.033	0.137	0.066	21
22	0.064	0.320	0.164	0.312	0.383	0.383	0.094	0.003	0.018	0.035	0.140	0.066	22
23	0.105	0.279	0.164	0.383	0.356	0.410	0.094	0.003	0.018	0.038	0.144	0.062	23
24	0.121	0.246	0.174	0.494	0.328	0.383	0.090	0.002	0.019	0.039E	0.144	0.059	24
25	0.103	0.475	0.167	0.572	0.328	0.328	0.105	0.002	0.021	0.040E	0.128	0.064	25
26	0.086	0.632	0.164	0.513	0.542	0.304	0.101	0.002	0.022	0.042E	0.123	0.062E	26
27	0.080	0.532	0.153	0.475	0.503	0.263	0.078	0.001	0.022	0.043	0.116	0.061E	27
28	0.074	0.456	0.164	0.464	0.401	0.241E	0.078	0.002	0.025	0.046	0.109	0.059	28
29	0.070		0.199	0.475	0.338	0.219	0.072	0.001	0.023	0.046	0.101	0.064	29
30	0.072		0.206	0.504	0.356	0.226	0.062	0.006	0.023	0.046	0.101	0.064	30
31	0.062		0.255		0.378		0.055	0.005		0.055E		0.062	31
TOTAL	2.132	5.418	8.616	9.396	14.509	9.593	4.111	0.309	0.473	1.202	2.699	3.097	TOTAL
MEAN	0.069	0.194	0.278	0.313	0.468	0.320	0.133	0.010	0.016	0.039	0.090	0.100	MEAN
MAX	0.121	0.632	0.673	0.572	0.642	0.494	0.246	0.050	0.025	0.055	0.144	0.212	MAX
MIN	0.050	0.035	0.153	0.173	0.328	0.219	0.055	0.001	0.006	0.022	0.055	0.059	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.169
MAXIMUM DAILY, 0.673 ON MAR 5
MINIMUM DAILY, 0.001 ON AUG 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 26 46 N
LONG 119 12 16 W
DRAINAGE AREA, 135 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184	JUL	355
FEB	468	AUG	26.7
MAR	744	SEP	40.9
APR	812	OCT	104
MAY	1 250	NOV	233
JUN	829	DEC	268

TOTAL DISCHARGE, 5 310 dam³

DEER CREEK AT BEAVER CREEK ROAD NEAR ALBERNI - STATION NO. 08HB059

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.07	1.17	0.646	0.456	0.252	0.339	---	---	---	1
2	---	---	---	1.01	1.15	0.530	0.442	0.252	0.301	---	---	---	2
3	---	---	---	0.966	1.21	0.539	0.390	0.252	0.276	---	---	---	3
4	---	---	---	1.07	0.966	0.610	0.390	0.252	0.260	---	---	---	4
5	---	---	---	1.95	0.886	0.574	0.390	0.245	0.237	---	---	---	5
6	---	---	---	1.07	0.866	0.522	0.390	0.245	0.237	---	---	---	6
7	---	---	---	1.03	1.13	0.487	0.379	0.245	0.230	---	---	---	7
8	---	---	---	1.03	0.906	0.442	0.379	0.230	0.222	---	---	---	8
9	---	---	---	0.926	0.806	0.504	0.390	0.230	0.222	---	---	---	9
10	---	---	---	2.77	0.726	0.487	1.07	0.215	0.215	---	---	---	10
11	---	---	---	1.64	0.686	0.456	0.522	0.208	0.215	---	---	---	11
12	---	---	---	1.43	0.686	0.456	0.504	0.230	0.215	---	---	---	12
13	---	---	---	1.13	0.706	0.456	0.428	0.230	0.215	---	---	---	13
14	---	---	---	0.986	0.706	0.428	0.390	0.237	0.215	---	---	---	14
15	---	---	---	1.03	0.706	0.504	0.369	0.237	0.215	---	---	---	15
16	---	---	---	1.09	0.706	0.504	0.339	0.237	0.222	---	---	---	16
17	---	---	0.646	1.07	0.966	0.726	0.339	0.237	0.222	---	---	---	17
18	---	---	---	1.03	0.706	0.906	0.390	0.215	0.260	---	---	---	18
19	---	---	---	0.986	0.786	0.522	0.390	0.215	0.268	---	---	---	19
20	---	---	---	0.806	0.706	0.487	0.379	0.215	0.276	---	---	---	20
21	---	---	---	0.786	0.706	0.487	0.369	0.215	0.906	---	---	---	21
22	---	---	---	1.43	0.706	0.456	0.339	0.215	0.369	---	---	---	22
23	---	---	---	1.33	0.726	0.456	0.285	0.208	0.379	---	---	---	23
24	---	---	---	1.05	1.54	0.504	0.276	0.208	0.628	---	---	---	24
25	---	---	---	1.03	0.966	0.456	0.276	0.215	0.456	---	---	---	25
26	---	---	---	1.01	0.806	0.456	0.276	0.215	0.301	---	---	---	26
27	---	---	---	1.43	0.726	0.442	0.268	0.252	0.539	---	---	---	27
28	---	---	---	1.13	0.706	0.487	0.252	0.276	0.379	---	---	---	28
29	---		---	1.07	0.746	0.456	0.268	0.339	0.339	---	---	---	29
30	---		---	1.03	0.628	0.456	0.268	0.369	0.358	---	---	---	30
31	---		---		0.610		0.268	0.358		---		---	31
TOTAL	---	---	---	35.386	26.042	15.442	11.871	7.549	9.516	---	---	---	TOTAL
MEAN	---	---	---	1.18	0.840	0.515	0.383	0.244	0.317	---	---	---	MEAN
MAX	---	---	---	2.77	1.54	0.906	1.07	0.369	0.906	---	---	---	MAX
MIN	---	---	---	0.786	0.610	0.428	0.252	0.208	0.215	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 20 40 N
LONG 124 54 54 W
DRAINAGE AREA, 6.48 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 030
FEB	---	AUG	652
MAR	---	SEP	822
APR	3 060	OCT	---
MAY	2 250	NOV	---
JUN	1 330	DEC	---

DEER CREEK AT DEER PARK - STATION NO. 08NE087

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.396E	0.288	0.262	0.609	2.71	4.04	4.73	1.03	0.410	0.441	0.644	0.410	1
2	0.377	0.275E	0.263E	0.609	3.14	3.38	2.92	0.971	0.473	0.473	0.663E	0.394E	2
3	0.362E	0.262	0.262	0.609	2.65	4.09	2.60	0.932	0.394	0.441	0.681	0.378	3
4	0.349	0.238E	0.278E	0.592	2.26	4.09	2.77	0.873	0.362	0.441	0.671E	0.385E	4
5	0.343E	0.213	0.295	0.575	2.02	3.38	2.80	0.815	0.362	0.426	0.663	0.394	5
6	0.335	0.232E	0.289E	0.558	1.80	6.39	2.86	0.795	0.349	0.490	0.646E	0.394E	6
7	0.326E	0.250	0.282	0.558	1.67	4.73	6.14	0.736	0.335	0.457	0.626	0.394	7
8	0.315	0.246E	0.266E	0.541	1.55	3.69	4.50	0.699	0.322	0.718	0.600E	0.379E	8
9	0.306E	0.244	0.250	0.524	1.48	3.42	3.85	0.699	0.308	0.718	0.575	0.362	9
10	0.295	0.215E	0.255E	0.507	1.48	3.56	3.37	0.626	0.295	0.626	0.558E	0.394E	10
11	0.292E	0.184	0.262	0.507	1.53	3.23	3.06	0.609	0.295	0.592	0.541	0.426	11
12	0.288	0.241E	0.275E	0.490	1.53	2.94	2.80	0.592	0.281	0.558	0.549E	0.388E	12
13	0.275E	0.295	0.288	0.473	1.57	2.80	2.57	0.558	0.281	0.524	0.558	0.349	13
14	0.262	0.269E	0.297E	0.457	1.57	2.65	3.00	0.541	0.268	0.524	0.532E	0.362E	14
15	0.252E	0.244	0.308	0.457	1.80	2.57	2.71	0.507	0.268	0.507	0.507	0.378	15
16	0.244	0.252E	0.334E	0.473	2.18	2.80	2.48	0.490	0.254	0.490	0.507E	0.362E	16
17	0.249E	0.262	0.363	0.473	2.21	2.80	2.34	0.490	0.254	0.490	0.507	0.349	17
18	0.256	0.263E	0.365E	0.490	2.29	2.51	2.13	0.457	0.241	0.473	0.498E	0.357E	18
19	0.252E	0.262	0.370	0.558	2.57	2.54	1.77	0.457	0.295	0.473	0.490	0.362	19
20	0.250	0.255E	0.371E	0.592	2.89	2.62	1.95	0.609	0.410	0.473	0.481E	0.348E	20
21	0.252E	0.250	0.370	0.626	3.26	2.54	1.82	0.490	0.410	0.457	0.473	0.335	21
22	0.256	0.249E	0.396E	0.681	4.73	2.40	1.67	0.441	0.394	0.457	0.464E	0.328E	22
23	0.323E	0.250	0.421	0.834	4.97	2.48	1.65	0.410	0.349	0.441	0.457	0.322	23
24	0.391	0.263E	0.428E	1.25	4.97	2.34	1.60	0.394	0.349	0.441	0.442E	0.323E	24
25	0.357E	0.275	0.436	1.43	5.53	2.26	1.46	0.378	0.335	0.441	0.426	0.322	25
26	0.321	0.269E	0.456E	1.34	8.19	2.54	1.39	0.362	0.308	0.441	0.419E	0.323E	26
27	0.311E	0.262	0.473	1.30	5.33	2.68	1.30	0.349	0.308	0.441	0.410	0.322	27
28	0.301	0.263E	0.501E	1.28	4.65	2.40	1.18	0.349	0.378	0.473	0.411E	0.314E	28
29	0.294E		0.528	1.28	4.15	2.32	1.12	0.335	0.541	0.592	0.410	0.308	29
30	0.288		0.561E	1.30	4.04	2.37	1.25	0.410	0.507	0.558	0.411E	0.294E	30
31	0.289E		0.592		5.74		1.10	0.349		0.541		0.281	31
TOTAL	9.407	7.071	11.097	21.973	96.46	92.56	76.89	17.753	10.336	15.618	15.820	11.037	TOTAL
MEAN	0.303	0.253	0.358	0.732	3.11	3.09	2.48	0.571	0.345	0.504	0.527	0.356	MEAN
MAX	0.396	0.295	0.592	1.43	8.19	6.39	6.14	1.03	0.541	0.718	0.681	0.426	MAX
MIN	0.244	0.184	0.250	0.457	1.48	2.26	1.10	0.335	0.241	0.426	0.410	0.281	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 8.19 ON MAY 26
MINIMUM DAILY, 0.184 ON FEB 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 30 N
LONG 118 02 30 W
DRAINAGE AREA, 80.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	813	JUL	6 640
FEB	611	AUG	1 530
MAR	959	SEP	893
APR	1 900	OCT	1 350
MAY	8 330	NOV	1 370
JUN	8 000	DEC	954

TOTAL DISCHARGE, 33 400 dam³

DEFIANCE CREEK NEAR PORT RENFREW - STATION NO. 08HA040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.001	0	0	0	0	---	---	---	1
2	---	---	---	0	0	0.001	0	0	0	---	---	---	2
3	---	---	---	0.001	0	0.002	0	0	0	---	---	---	3
4	---	---	0.002	0.002	0.008	0.002	0	0	0	---	---	---	4
5	---	---	---	0.003	0.005	0.003	0	0	0	---	---	---	5
6	---	---	---	0.003	0.005	0.002	0	0	0	---	---	---	6
7	---	---	---	0.003	0.003	0.003	0	0	0	---	---	---	7
8	---	---	---	0.020	0.002	0.003	0	0	0	---	---	---	8
9	---	---	---	0.021	0.002	0.003	0	0	0	---	---	---	9
10	---	---	---	0.030	0.001	0.031	0	0	0	---	---	---	10
11	---	---	---	0.020	0.001	0.007	0	0	0	---	---	---	11
12	---	---	---	0.019	0	0.003	0	0	0	---	---	---	12
13	---	---	---	0.012	0	0.001	0	0	0	---	---	---	13
14	---	---	---	0.005	0	0	0	0	0	---	---	---	14
15	---	---	---	0.013	0	0	0	0	0	---	---	---	15
16	---	---	---	0.012	0	0.002	0	0	0	---	---	---	16
17	---	---	---	0.008	0	0.002	0	0	0	---	---	---	17
18	---	---	---	0.005	0	0.020	0	0	0	---	---	---	18
19	---	---	0	0.003	0	0.031	0	0	0	---	---	---	19
20	---	---	---	0.001	0	0.012	0	0	0.004	---	---	---	20
21	---	---	---	0.008	0	0.014	0	0	0.010	---	---	---	21
22	---	---	---	0.029	0	0.018	0	0	0.012	---	---	---	22
23	---	---	---	0.012	0.001	0.012	0	0	0.008	---	---	---	23
24	---	---	---	0.009	0.001	0.005	0	0	0.005	---	---	---	24
25	---	---	---	0.006	0.002	0.002	0	0	0.003	---	---	---	25
26	---	---	---	0.002	0.003	0.001	0	0	0.002	---	---	---	26
27	---	---	---	0.010	0.002	0.001	0	0	0.014	---	---	---	27
28	---	---	---	0.006	0.001	0	0	0.002	0.008	---	---	---	28
29	---		---	0.003	0.001	0	0	0	0.017	---	---	---	29
30	---		---	0.001	0.001	0	0	0.001	0.012	---	---	---	30
31	---		---		0 E		0	0.001		---		---	31
TOTAL	---	---	---	0.267	0.040	0.181	0	0.004	0.095	---	---	---	TOTAL
MEAN	---	---	---	0.009	0.001	0.006	0	0	0.003	---	---	---	MEAN
MAX	---	---	---	0.030	0.008	0.031	0	0.002	0.017	---	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAR 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 33 00 N
LONG 124 25 22 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.35
MAR	---	SEP	8.21
APR	23.1	OCT	---
MAY	3.46	NOV	---
JUN	15.6	DEC	---

DICKEBUSCH CREEK NEAR THE MOUTH - STATION NO. 07FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.181B	0.128B	0.130B	0.112B	4.22	8.48 A	0.344	0.658	0.114	0.096	0.077B	0.022B	1
2	0.180B	0.125B	0.127B	0.113B	3.62	6.60 E	0.301	0.582	0.127	0.096	0.071B	0.021B	2
3	0.181B	0.125B	0.119B	0.115B	3.13	4.72 E	0.277	0.474	0.127	0.087	0.066B	0.016B	3
4	0.185B	0.128B	0.117B	0.119B	3.24	2.84 A	0.245	0.398	0.132	0.087	0.060B	0.011B	4
5	0.184B	0.126B	0.117B	0.123B	3.29	2.65	0.224	0.344	0.121	0.083	0.057B	0.010B	5
6	0.180B	0.120B	0.118B	0.124B	3.33	2.39	0.213	0.306	0.111	0.082	0.056B	0.009B	6
7	0.173B	0.112B	0.121B	0.124B	3.56	2.20	0.199	0.269	0.105	0.095	0.054B	0.007B	7
8	0.166B	0.102B	0.124B	0.125B	5.44	2.03	0.186	0.243	0.099	0.093	0.051B	0.003B	8
9	0.166B	0.094B	0.125B	0.125B	5.68	1.80	0.174	0.228	0.091	0.093	0.046B	0.002B	9
10	0.170B	0.091B	0.124B	0.126B	4.54	1.65	0.166	0.204	0.086	0.089	0.046B	0.001B	10
11	0.180B	0.091B	0.118B	0.127B	3.49	1.57	0.164	0.183	0.080	0.091	0.047B	0 B	11
12	0.184B	0.092B	0.116B	0.129B	3.10	1.58	0.172	0.169	0.075	0.091	0.048B	0 B	12
13	0.182B	0.094B	0.116B	0.136B	3.12	1.57	0.165	0.154	0.074	0.086	0.051B	0 B	13
14	0.175B	0.100B	0.117B	0.153B	3.07	1.53	0.226	0.148	0.074	0.086	0.038B	0.001B	14
15	0.171B	0.110B	0.117B	0.216B	2.84	1.34	0.222	0.141	0.075	0.088	0.032B	0.002B	15
16	0.171B	0.127B	0.116B	0.200B	2.63	1.29	0.186	0.136	0.076	0.092	0.029B	0.004B	16
17	0.172B	0.129B	0.112B	0.200	2.59	1.22	0.165	0.131	0.074	0.091	0.029B	0.005B	17
18	0.176B	0.128B	0.103B	0.224	2.61	1.17	0.152	0.131	0.074	0.086	0.031B	0.007B	18
19	0.191B	0.124B	0.099B	0.409	2.63	1.17	0.146	0.125	0.074	0.080	0.033B	0.008B	19
20	0.210B	0.122B	0.097B	0.667	2.67	1.04	0.148	0.121	0.072	0.068B	0.032B	0.009B	20
21	0.226B	0.125B	0.096B	1.47	2.64	0.947	0.799	0.119	0.071	0.053B	0.029B	0.007B	21
22	0.249B	0.129B	0.098B	1.77	2.77	0.841	0.957	0.115	0.075	0.046B	0.025B	0.006B	22
23	0.240B	0.127B	0.101B	2.44	2.48	0.775	2.70	0.113	0.083	0.045B	0.024B	0.005B	23
24	0.205B	0.122B	0.106B	4.59	2.39	0.675	2.36	0.110	0.081	0.045B	0.025B	0.005B	24
25	0.185B	0.123B	0.112B	3.18	2.45	0.610	1.74	0.110	0.079	0.046B	0.025B	0.006B	25
26	0.153B	0.124B	0.115B	2.55	5.77	0.524	1.35	0.124	0.079	0.046B	0.024B	0.004B	26
27	0.139B	0.126B	0.116B	2.36	4.43	0.501	1.05	0.124	0.078	0.045B	0.025B	0.003B	27
28	0.132B	0.129B	0.118B	2.59	3.17	0.492	0.895	0.115	0.080	0.044B	0.028B	0.002B	28
29	0.128B		0.118B	2.83	2.77	0.441	0.951	0.107	0.078	0.044B	0.024B	0.001B	29
30	0.126B		0.116B	2.93	2.62	0.405	0.807	0.106	0.077	0.047B	0.021B	0.001B	30
31	0.128B		0.112B		7.19		0.791	0.107		0.058B		0.001B	31
TOTAL	5.489	3.273	3.541	30.377	107.48	55.051	18.475	6.395	2.642	2.279	1.204	0.179	TOTAL
MEAN	0.177	0.117	0.114	1.01	3.47	1.84	0.596	0.206	0.088	0.074	0.040	0.006	MEAN
MAX	0.249	0.129	0.130	4.59	7.19	8.48	2.70	0.658	0.132	0.096	0.077	0.022	MAX
MIN	0.126	0.091	0.096	0.112	2.39	0.405	0.146	0.106	0.071	0.044	0.021	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.648
MAXIMUM DAILY, 8.48A ON JUN 1
MINIMUM DAILY, 0B ON DEC 11
MAXIMUM INSTANTANEOUS,
12.5 AT 19:21 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 07 N
LONG 121 35 40 W
DRAINAGE AREA, 85.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	474	JUL	1 600
FEB	283	AUG	553
MAR	306	SEP	228
APR	2 620	OCT	197
MAY	9 290	NOV	104
JUN	4 760	DEC	15.5

TOTAL DISCHARGE, 20 400 dam³

DORE RIVER NEAR MCBRIDE - STATION NO. 08KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5 B	4.75B	2.70B	2.28B	10.0 E	42.9	31.2	30.8	22.5	7.93	9.32	2.13B	1
2	9.30B	4.65B	2.70B	2.27B	8.00E	45.8	37.8	29.7	18.0	5.81	11.2	2.11B	2
3	8.30B	4.50B	2.70B	2.26B	7.00E	41.4	62.0	28.8	13.3	5.09	11.6	2.09B	3
4	7.50B	4.30B	2.65B	2.25B	7.10E	41.3	52.2	28.5	14.4	4.78	8.87	2.04B	4
5	6.90B	4.10B	2.65B	2.23B	9.00E	35.6	42.8	31.9	12.3	4.42	7.72	2.03B	5
6	6.60B	3.95B	2.65B	2.22B	9.10E	33.3	47.2	33.8	17.3	4.50	7.01	2.02B	6
7	6.30B	3.80B	2.65B	2.22B	8.10E	27.3	31.7	35.5	22.8	5.97	6.62	2.01B	7
8	6.10B	3.65B	2.65B	2.22B	10.9 E	24.0	23.6	36.5	28.4	4.92	6.21	1.99B	8
9	5.90B	3.50B	2.65B	2.22B	12.3 E	22.5	20.1	37.1	26.3	4.46	5.93	1.98B	9
10	5.80B	3.40B	2.70B	2.21B	11.5	22.7	21.0	40.0	19.0	4.30	5.67	1.96B	10
11	5.60B	3.30B	2.70B	2.21B	11.6	23.9	24.7	42.0	18.6	4.12	5.97	1.94B	11
12	5.49B	3.20B	2.75B	2.21B	13.6	22.4	32.0	40.2	14.0	3.83	8.02	1.92B	12
13	5.40B	3.15B	2.80B	2.21B	16.9	23.2	36.6	33.4	11.9	3.89	6.37	1.90B	13
14	5.30B	3.10B	2.80B	2.22B	19.1	25.2	39.3	32.1	12.0	3.85	6.09	1.90B	14
15	5.20B	3.05B	2.80B	2.25B	20.0	26.8	37.9	32.2	18.8	4.22	5.88	1.89B	15
16	5.10B	3.00B	2.75B	2.27E	22.7	26.9	40.8	30.4	24.0	8.41	5.56	1.90B	16
17	5.05B	3.00B	2.75B	2.31E	26.9	22.4	44.0	30.5	26.9	5.42	4.82B	2.00B	17
18	5.00B	2.95B	2.70B	2.38E	30.4	19.7	49.0	28.6	28.9	4.71	4.25B	2.25B	18
19	5.00B	2.90B	2.65B	2.45E	34.9	19.0	47.1	30.7	21.9	4.43	3.71B	2.78B	19
20	5.00B	2.85B	2.55B	2.57E	40.3	20.6	46.9	26.7	12.6	3.79	3.35B	2.60B	20
21	5.05B	2.85B	2.50B	2.72E	46.9	18.7	44.6	26.4	9.95	3.48	3.15B	2.47B	21
22	5.10B	2.80B	2.50B	2.92A	52.9	18.0	39.2	26.2	8.45	3.80	2.92B	2.38B	22
23	5.10B	2.80B	2.50B	3.50E	52.7	18.5	38.0	27.5	7.63	3.72	2.75B	2.29B	23
24	5.15B	2.80B	2.50B	4.60E	53.8	19.8	39.4	29.0	6.76	4.69	2.54B	2.22B	24
25	5.15B	2.75B	2.50B	4.00E	55.3	22.4	35.9	34.0	6.12	5.40	2.46B	2.15B	25
26	5.15B	2.75B	2.50B	3.50E	57.0	27.2	41.7	29.9	5.64	4.86	2.39B	2.12B	26
27	5.10B	2.75B	2.45B	3.10E	42.8	25.4	44.4	24.5	5.30	4.43	2.32B	2.09B	27
28	5.10B	2.70B	2.40B	3.20E	33.3	23.9	44.5	17.3	5.27	5.87	2.29B	2.05B	28
29	5.05B		2.35B	3.70E	35.8	30.0	36.2	17.2	5.34	5.05	2.23B	2.02B	29
30	5.00B		2.32B	5.00E	47.6	35.4	34.4	15.3	5.12	4.40	2.19B	2.00B	30
31	4.90B		2.29B		48.4		34.0	15.5		8.47		1.97B	31
TOTAL	181.19	93.30	80.76	81.70	855.50	806.2	1 200.2	922.2	449.48	153.02	159.41	65.20	TOTAL
MEAN	5.84	3.33	2.61	2.72	27.6	26.9	38.7	29.7	15.0	4.94	5.31	2.10	MEAN
MAX	10.5	4.75	2.80	5.00	57.0	45.8	62.0	42.0	28.9	8.47	11.6	2.78	MAX
MIN	4.90	2.70	2.29	2.21	7.00	18.0	20.1	15.3	5.12	3.48	2.19	1.89	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 62.0 ON JUL 3
MINIMUM DAILY, 1.89B ON DEC 15
MAXIMUM INSTANTANEOUS,
73.8 AT 20:15 PST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 38 N
LONG 120 14 45 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 700	JUL	104 000
FEB	8 060	AUG	79 700
MAR	6 980	SEP	38 800
APR	7 060	OCT	13 200
MAY	73 900	NOV	13 800
JUN	69 700	DEC	5 630

TOTAL DISCHARGE, 437 000 dam³

DOWNIE CREEK NEAR REVELSTOKE - STATION NO. 08ND009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0 E	7.01A	6.44A	10.5	51.2A	93.7A	89.5A	59.8A	43.6A	16.4	19.6	10.6	1
2	14.5 E	6.41A	6.44A	11.0	53.4A	90.4A	85.4A	53.2A	50.8A	23.7	21.7	10.6	2
3	12.7 E	6.54A	6.44A	10.7	41.5A	102 A	91.5A	54.0A	39.0A	23.4	18.9	10.1	3
4	11.2 E	6.39A	6.44A	10.4	40.3A	83.1A	115 A	56.2A	38.2A	21.7	18.3	9.68	4
5	10.9 E	6.28A	6.44A	10.1	39.1A	79.9A	117 A	51.8A	40.1A	19.7	17.7	9.70	5
6	10.6 E	6.05B	6.18A	9.95	36.5A	86.0A	99.4A	52.5A	35.5A	18.4	16.9	9.66	6
7	10.2 E	5.80A	6.18A	9.18	35.5A	79.1A	87.5A	55.4A	33.9A	18.1	15.6	9.63	7
8	9.60E	5.50A	6.18A	8.99	36.9A	61.4A	65.0A	59.1A	37.8A	17.9	14.4	9.49	8
9	9.10E	5.00A	6.44A	8.85	37.6A	56.7A	53.2A	61.4A	39.7A	17.6	13.5	9.28	9
10	8.50E	4.60A	6.52A	8.83	37.8E	54.0A	47.1A	59.1A	42.8A	17.5	13.0	9.37	10
11	8.30E	5.00A	6.44A	8.57	38.3E	52.5A	56.2A	59.1A	38.1A	17.1	12.5	9.09	11
12	8.10E	5.25A	6.44A	8.48	38.6A	49.8A	56.9A	63.0A	36.5A	16.4	16.6	8.57	12
13	7.90E	5.45A	6.44A	8.33	39.7A	47.1A	62.2A	63.4A	25.4A	15.8	17.6	8.45B	13
14	7.75A	5.80A	6.70A	8.07	44.0A	48.2A	78.2A	57.9A	23.1A	15.4	16.5	8.30B	14
15	7.60E	6.20A	7.04A	8.04	50.5A	54.3A	76.8A	56.2A	25.8	15.0	15.9	8.25B	15
16	7.40E	6.80A	7.04A	8.44	52.8A	63.0A	82.1A	55.4A	32.1	14.5	15.4	8.30B	16
17	7.35E	7.60A	7.04A	9.50	56.9A	57.2A	86.0A	58.3A	34.2	13.9	15.1	8.40B	17
18	7.20E	8.25B	7.38A	10.5	63.1A	50.5A	90.4A	57.6A	35.6	13.7	14.8	8.35B	18
19	7.40E	8.72A	7.38A	12.1	77.2A	45.1A	94.8A	53.2A	41.1	13.2	14.5	8.15B	19
20	7.65E	7.72A	7.38A	14.2	88.2A	45.6A	90.4A	56.7A	31.3	12.2	13.7	8.00B	20
21	7.90E	7.38A	7.72A	16.2	105 A	45.3A	83.1A	58.0A	25.1	11.5	13.4	7.80B	21
22	8.50E	7.04A	7.62A	19.1	111 A	44.6A	80.1A	50.9A	24.0	11.1	12.9	7.75B	22
23	9.30E	7.04A	8.17	27.1	103 A	47.1A	74.5A	47.3A	22.8	10.8	12.9	7.65B	23
24	9.50E	7.04A	8.25	47.6	105 A	50.5A	73.7A	45.9A	21.7	10.5	12.4	7.60B	24
25	8.90E	6.70A	8.28	43.1 A	120 A	53.5A	71.6A	46.1A	20.0	10.4	11.9	7.50B	25
26	8.50E	6.70A	8.28	37.1 A	152 A	65.3A	61.4A	48.5A	18.6	11.2	11.5	7.40B	26
27	8.20E	6.70A	8.25	31.5 A	110 A	60.0E	67.7A	46.7A	17.6	12.0	11.0	7.30B	27
28	7.96A	6.44A	8.32	30.5 A	88.9A	56.6A	82.1A	43.2A	16.9	14.8	10.7	7.20B	28
29	7.65A		8.76	32.7 A	82.1A	55.4A	81.1A	41.2A	16.7	16.9	10.7	7.10B	29
30	7.86A		9.27	35.5 A	90.4A	77.8A	72.8A	40.6A	16.4	15.8	10.6	7.00B	30
31	7.69A		9.62		119 A		64.5A	37.8A		15.2		7.20B	31
TOTAL	281.91	181.41	225.52	515.13	2 145.5	1 855.7	2 437.2	1 649.5	924.4	481.8	440.2	263.47	TOTAL
MEAN	9.09	6.48	7.27	17.2	69.2	61.9	78.6	53.2	30.8	15.5	14.7	8.50	MEAN
MAX	16.0	8.72	9.62	47.6	152	102	117	63.4	50.8	23.7	21.7	10.6	MAX
MIN	7.20	4.60	6.18	8.04	35.5	44.6	47.1	37.8	16.4	10.4	10.6	7.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.2
MAXIMUM DAILY, 152A ON MAY 26
MINIMUM DAILY, 4.60A ON FEB 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 37 N
LONG 118 25 32 W
DRAINAGE AREA, 655 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 400	JUL	211 000
FEB	15 700	AUG	143 000
MAR	19 500	SEP	79 900
APR	44 500	OCT	41 600
MAY	185 000	NOV	38 000
JUN	160 000	DEC	22 800

TOTAL DISCHARGE, 985 000 dam³

DRAGON CREEK ABOVE DRAGON LAKE - STATION NO. 08KH023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.043	0.066	0.042B	0.064	0.048	0.064	0.028E	0.004	0.004	0.002E	0.006E	0.004	1
2	0.043	0.068	0.042B	0.068	0.048E	0.050	0.019	0.004	0.002	0.002E	0.007	0.004	2
3	0.043E	0.041	0.042B	0.070	0.048	0.043	0.017	0.004E	0.002	0.001E	0.006	0.003	3
4	0.043	0.038	0.042B	0.066	0.044	0.043	0.017	0.004	0.003	0.001	0.004	0.003	4
5	0.043	0.033	0.042B	0.078	0.062	0.040E	0.017	0.003	0.002	0.001	0.004	0.006	5
6	0.046	0.033	0.045B	0.070	0.051	0.038E	0.014	0.003	0.002E	0.001	0.004	0.005E	6
7	0.044	0.033	0.048B	0.066	0.046	0.035E	0.014	0.002	0.002	0.001	0.004	0.004	7
8	0.043	0.035	0.051B	0.064	0.044	0.033E	0.013	0.002	0.002	0.001	0.004E	0.004	8
9	0.041	0.033	0.054B	0.066	0.041	0.030	0.013	0.002	0.002	0.002	0.004	0.004	9
10	0.040	0.030	0.054B	0.066	0.041	0.032	0.012	0.002	0.002	0.002	0.004	0.004	10
11	0.038	0.025	0.057B	0.066	0.040	0.032	0.011	0.002	0.001	0.002	0.004	0.004	11
12	0.038	0.022	0.057B	0.064	0.038	0.036	0.009	0.001	0.001	0.002	0.004	0.004	12
13	0.036	0.022	0.057B	0.066	0.043	0.032	0.010	0.001	0.001	0.002	0.004	0.004E	13
14	0.035	0.051	0.057B	0.058	0.040	0.030	0.015	0.001	0.001	0.002	0.004	0.004	14
15	0.035	0.038	0.059B	0.082	0.038	0.027	0.011	0.001	0.001	0.002	0.004	0.004	15
16	0.033	0.035	0.065B	0.068	0.036	0.027	0.010	0.001	0	0.002	0.004	0.004	16
17	0.033	0.055	0.076	0.065E	0.035	0.027	0.010	0.001	0	0.002	0.005	0.004	17
18	0.041E	0.053	0.074	0.063E	0.030	0.027	0.009	0.002	0	0.002	0.005	0.004	18
19	0.050	0.088B	0.070	0.060E	0.030	0.027	0.007	0.002	0.001	0.002	0.005	0.004	19
20	0.061	0.065B	0.066	0.057	0.030	0.044	0.009	0.001	0.001	0.002	0.005	0.004E	20
21	0.086	0.065B	0.064	0.061	0.032	0.044	0.008	0	0.001	0.002	0.005	0.004	21
22	0.178B	0.065B	0.062	0.055	0.036	0.036	0.007	0	0.001	0.002	0.005E	0.003	22
23	0.142B	0.059B	0.061	0.051	0.040	0.055	0.007	0	0.002	0.002	0.005	0.004	23
24	0.096B	0.057B	0.059	0.051	0.035	0.043	0.004	0.002	0.001	0.002	0.005	0.004	24
25	0.082B	0.051B	0.064	0.051	0.046	0.033	0.004	0.001	0.001	0.003E	0.005	0.004	25
26	0.079B	0.045B	0.062	0.048	0.078	0.033	0.005	0.001	0.001	0.003	0.005	0.004	26
27	0.079B	0.042B	0.061	0.048	0.070	0.032	0.004	0.001	0	0.003	0.005	0.004	27
28	0.053	0.042B	0.070	0.046	0.051	0.030	0.005	0.001	0	0.004	0.004	0.004	28
29	0.053		0.066	0.046	0.055	0.030	0.008	0.001	0.001	0.004	0.004E	0.004	29
30	0.053		0.065E	0.046	0.046	0.029	0.006	0.002E	0.002	0.004	0.004E	0.004E	30
31	0.055		0.065E		0.055E		0.005	0.003E		0.005		0.004E	31
TOTAL	1.785	1.290	1.799	1.866	1.377	1.082	0.324	0.055	0.040	0.068	0.138	0.124	TOTAL
MEAN	0.058	0.046	0.058	0.062	0.044	0.036	0.010	0.002	0.001	0.002	0.005	0.004	MEAN
MAX	0.178	0.088	0.076	0.098	0.078	0.064	0.028	0.004	0.004	0.005	0.007	0.006	MAX
MIN	0.033	0.022	0.042	0.046	0.030	0.027	0.004	0	0	0.001	0.004	0.003	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.027
MAXIMUM DAILY, 0.178B ON JAN 22
MINIMUM DAILY, 0 ON AUG 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 56 37 N
LONG 122 23 44 W
DRAINAGE AREA, 7.25 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	154	JUL	28.0
FEB	111	AUG	4.75
MAR	155	SEP	3.46
APR	161	OCT	5.88
MAY	119	NOV	11.9
JUN	93.5	DEC	10.7

TOTAL DISCHARGE, 858 dam³

DRIFTWOOD RIVER ABOVE KASTBERG CREEK - STATION NO. 08JD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	[illegible]95B	2.19B	1.61B	1.57B	5.50B	52.3	18.9 E	5.00E	2.25E	8.50	3.29	1.88 B	1
2	3.85B	2.13B	1.60B	1.59B	6.10B	47.3	18.8 E	4.75E	2.14E	5.83	4.11	1.86 B	2
3	3.79B	2.10B	1.59B	1.61B	7.00B	46.6	18.9 E	4.55E	2.08E	4.36	4.36	1.87 B	3
4	3.72B	2.07B	1.58B	1.65B	8.00B	46.6	19.0 E	4.35E	2.04E	3.69	5.16	1.88 B	4
5	3.62B	2.03B	1.57B	1.68B	9.90B	39.5	18.6 E	4.10E	2.02E	3.19	4.06	1.89 B	5
6	3.55B	2.00B	1.57B	1.72B	12.7 B	44.9	17.1 E	3.90E	[illegible]00E	3.25	3.59	1.88 B	6
7	3.52B	1.97B	1.56B	1.75B	14.7	39.7	14.5 E	3.75E	1.88E	3.96	5.07	1.84 B	7
8	3.48B	1.90B	1.55B	1.80B	19.1	32.2	12.5 E	3.55E	1.82E	5.07	6.95	1.78 B	8
9	3.42B	1.83B	1.54B	1.83B	26.7	29.0	11.0 E	3.35E	1.71E	5.35	6.85	1.72 B	9
10	3.38B	1.79B	1.53B	1.87B	31.1	27.4	9.60E	3.25E	1.62E	4.65	4.65	1.68 B	10
11	3.33B	1.76B	1.53B	1.88B	29.1	29.2	8.80E	3.05E	1.59E	4.21	4.11	1.63 B	11
12	3.28B	1.75B	1.52B	1.90B	29.1	32.9	8.45E	2.90E	1.59E	3.62	5.31	1.55 B	12
13	3.22B	1.74B	1.52B	1.92B	29.9	32.7	8.65E	2.75E	1.59E	3.36	6.24	1.47 B	13
14	3.10B	1.74B	1.51B	1.93B	31.7	30.5	9.40E	2.62E	1.58E	3.22	6.54	1.40 B	14
15	3.00B	1.73B	1.51B	1.94B	40.3	29.5	10.5 E	2.50E	1.57E	4.58	4.11	1.38 B	15
16	2.78B	1.73B	1.51B	1.95B	40.8	29.8	10.6 E	2.40E	1.56E	6.99	3.71	1.36 B	16
17	2.60B	1.73B	1.50B	1.97B	40.2	25.4	10.5 E	2.30E	1.54E	5.86	3.51	1.34 B	17
18	2.48B	1.73B	1.50B	1.98B	41.1	23.1	10.0 E	2.22E	1.50E	5.33	3.31	1.33 B	18
19	2.38B	1.73B	1.50B	2.00B	44.4	23.7	9.40E	2.14E	1.48E	5.16	3.16	1.31 B	19
20	2.35B	1.73B	1.50B	2.06B	47.3	25.0	9.10E	2.07E	1.48E	3.95	3.41	1.30 B	20
21	2.34B	1.73B	1.50B	2.12B	49.6	22.9	8.50E	2.00E	1.50E	3.72	3.47	1.29 B	21
22	2.33B	1.73B	1.50B	2.20B	51.8	22.7A	8.05E	1.93E	1.60E	3.27	3.15	1.27 B	22
23	2.33B	1.73B	1.50B	2.28B	50.2	22.0A	7.70E	1.89E	1.68E	3.10	2.88	1.25 B	23
24	2.32B	1.72B	1.50B	2.40B	57.8	21.0A	7.35E	1.88E	1.67E	3.26	2.68B	1.22 B	24
25	2.32B	1.70B	1.50B	2.60B	66.5	18.9A	7.00E	1.90E	1.62A	3.95	2.50B	1.19 B	25
26	2.32B	1.68B	1.50B	2.95B	80.9	17.6A	6.65E	2.02E	1.44	4.89	2.31B	1.15 B	26
27	2.32B	1.66B	1.50B	3.34B	66.2	17.1A	6.35E	2.20E	1.36	4.11	2.19B	1.10 B	27
28	2.31B	1.64B	1.51B	3.65B	52.3	16.9E	6.05E	2.38E	1.42	3.79	2.08B	1.04 B	28
29	2.30B		1.52B	4.10B	50.4	17.5E	5.75E	2.40E	1.68	3.52	1.99B	0.970B	29
30	2.28B		1.53B	4.80B	65.3	18.5E	5.50E	2.41E	2.65	3.29	1.92B	0.910B	30
31	2.24B		1.54B		64.8		5.25E	2.37E		3.32		0.870B	31
TOTAL	90.21	50.97	47.40	67.04	1 170.50	882.4	328.45	88.88	51.66	134.35	116.67	44.610	TOTAL
MEAN	2.91	1.82	1.53	2.23	37.8	29.4	10.6	2.87	1.72	4.33	3.89	1.44	MEAN
MAX	3.95	2.19	1.61	4.80	80.9	52.3	19.0	5.00	2.65	8.50	6.95	1.89	MAX
MIN	2.24	1.64	1.50	1.57	5.50	16.9	5.25	1.88	1.36	3.10	1.92	0.870	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.42
MAXIMUM DAILY, 80.9 ON MAY 26
MINIMUM DAILY, 0.870B ON DEC 31
MAXIMUM INSTANTANEOUS,
86.5 AT 10:55 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 58 17 N
LONG 126 38 28 W
DRAINAGE AREA, 407 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 790	JUL	28 400
FEB	4 400	AUG	7 680
MAR	4 100	SEP	4 460
APR	5 790	OCT	[illegible] 60[illegible]
MAY	101 000	NOV	10 100
JUN	76 200	DEC	3 850

TOTAL DISCHARGE, 265 000 dam³

DUCK CREEK NEAR WYNNDEL - STATION NO. 08NH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.575	0.413	0.569	0.739	1.99	5.04	2.28	0.941	0.755	0.537	0.492	0.440	1
2	0.555	0.408	0.564	0.699	1.92	4.13	2.17	0.930	0.640	0.635	0.488	0.447	2
3	0.544	0.396	0.564	0.685	1.78	4.13	2.13	0.922	0.612	0.548	0.474	0.429	3
4	0.524	0.402	0.572	0.646	1.74	4.76	2.12	0.904	0.631	0.529	0.467	0.432	4
5	0.524	0.402	0.583	0.680	1.66	3.74	2.11	0.886	0.599	0.515	0.463	0.439	5
6	0.501	0.394	0.549	0.651	1.61	3.91	2.37	0.873	0.588	0.613	0.456	0.456	6
7	0.487	0.385	0.530	0.646	1.55	3.45	2.52	0.850	0.587	0.590	0.451	0.439	7
8	0.476	0.371	0.532	0.657	1.52	3.03	2.25	0.816	0.578	0.590	0.457	0.434	8
9	0.450	0.345	0.549	0.660	1.53	3.09A	2.15	0.807	0.564	0.610	0.457	0.438	9
10	0.439	0.317	0.547	0.631	1.55	3.19	2.14	0.797	0.559	[illegible]45	0.454	0.569	10
11	0.430	0.365	0.549	0.637	1.63	2.84	2.09	0.780	0.553	[illegible]19	0.455	0.476	11
12	0.413	0.411	0.580	0.651	1.62	1.89	2.05	0.765	0.539	[illegible]	0.522	0.429	12
13	0.408	0.405	0.600	0.629	1.62	2.48	2.16	0.772	0.540	[illegible]507	0.499	0.408	13
14	0.399	0.402	0.612	0.643	1.64	2.35	2.16 A	0.787	0.535	[illegible]498	0.566	0.459	14
15	0.396	0.425	0.648	0.705	2.73	2.04	2.11	0.765	0.530	[illegible]527	0.538	0.438	15
16	0.388	0.521	0.716	0.776	2.46	1.94	1.95	0.762	0.525	0.488	0.516	0.421	16
17	0.379	0.549	0.714	0.787	2.32	2.02	1.83	0.752	0.517	0.473	0.515	0.425	17
18	0.391	0.575	0.685	0.841	2.37	1.95	1.73	0.734	0.517	0.472	0.502	0.418	18
19	0.388	0.705	0.637	0.951	2.79	2.12	1.65	0.717	0.581	0.469	0.493	0.418	19
20	0.382	0.682	0.640	1.08	3.14	2.48	1.67	0.723	0.539	0.467	0.484	0.415	20
21	0.377	0.623	0.646	1.12	3.51	2.25	1.62	0.707	0.588	0.459	0.508	0.403	21
22	0.396	0.583	0.660	1.13	3.99	2.15	1.49	0.695	0.552	0.465	0.520	0.389	22
23	0.464	0.589	0.646	1.26	3.77	2.22	1.39	0.681	0.540	0.469	0.506	0.380	23
24	0.566	0.612	0.654	1.59	4.64	2.10	1.32	0.659	0.529	0.470	0.482	0.382	24
25	0.481	0.609	0.663	1.49	5.80	2.12	1.33	0.645	0.521	0.475	0.466	0.389	25
26	0.464	0.586	0.665	1.43	7.84	2.21	1.19	0.635	0.511	0.478	0.451	0.387	26
27	0.447	0.566	0.671	1.42	5.47	2.24	1.14	0.627	0.521	0.506	0.447	0.390	27
28	0.450	0.569	0.699	1.45	7.39	2.18	1.10	0.619	0.592	0.514	0.430	0.383	28
29	0.442		0.708	1.47	6.34	2.28	1.08	0.633	0.571	0.509	0.438	0.362	29
30	0.428		0.714	1.63	6.09	2.24	1.04	0.629	0.553	0.498	0.443	0.352	30
31	0.422		0.719		5.21		0.991	0.618		0.486		0.347	31
TOTAL	13.986	13.610	19.385	28.384	99.22	82.17	55.331	23.431	16.967	15.947	14.440	12.994	TOTAL
MEAN	0.451	0.486	0.625	0.946	3.20	2.74	1.78	0.756	0.566	0.514	0.481	0.419	MEAN
MAX	0.575	0.705	0.719	1.63	7.84	5.04	2.52	0.941	0.755	0.635	0.566	0.569	MAX
MIN	0.377	0.317	0.530	0.629	1.52	1.89	0.991	0.618	0.511	0.459	0.430	0.347	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 7.84 ON MAY 26
MINIMUM DAILY, 0.317 ON FEB 10
MAXIMUM INSTANTANEOUS,
9.66 AT 19:40 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 116 31 56 W
DRAINAGE AREA, 57.0 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 210	JUL	4 780
FEB	1 180	AUG	2 020
MAR	1 670	SEP	1 470
APR	2 450	OCT	1 380
MAY	8 570	NOV	1 250
JUN	7 100	DEC	1 120

TOTAL DISCHARGE, 34 200 dam³

DUCK LAKE NEAR SIRDAR - STATION NO. 08NH107

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	13.048	---	---	---	---	---	---	---	---	1
2	13.899	---	---	---	---	---	14.045	---	13.902	---	---	13.987	2
3	---	---	---	---	---	13.750	---	---	---	---	---	---	3
4	---	13.615	---	---	---	---	---	---	---	---	14.070	---	4
5	13.865	---	---	---	---	---	---	---	---	13.960	---	---	5
6	---	---	---	13.033	13.088	---	---	13.935	---	---	---	---	6
7	---	---	---	13.024	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	14.009	---	---	---	---	---	8
9	---	---	---	---	13.073	---	---	---	13.905	---	---	---	9
10	---	13.463	---	---	---	13.932	---	---	---	---	---	---	10
11	---	---	13.283	---	13.058	---	---	---	---	---	14.088	---	11
12	---	---	---	---	---	---	---	13.966	---	---	---	---	12
13	---	13.503	---	---	---	---	13.957	---	---	14.009	---	---	13
14	13.798	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	12.997	---	---	14.070	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	13.881	---	---	14.009	16
17	---	13.493	---	---	---	14.009	---	---	---	---	---	---	17
18	---	---	13.180	---	---	---	---	---	---	---	14.149	---	18
19	---	---	---	---	---	---	---	13.923	---	---	---	---	19
20	---	---	---	---	13.308	---	---	13.920	---	---	---	---	20
21	13.707	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	12.972	---	---	13.826	---	13.902	14.045	---	---	22
23	---	---	---	---	---	---	---	---	13.899	---	---	---	23
24	---	13.487	13.119	---	---	14.070	---	---	---	---	---	---	24
25	---	---	---	---	---	14.070	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	13.902	---	---	14.054	---	26
27	---	13.454	---	---	---	---	---	---	---	---	---	---	27
28	13.676	---	---	13.027	13.551	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	13.795	---	13.917	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 31 N
LONG 116 38 46 W

REGULATED SINCE 1951

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 518.160 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RESERVOIR AT DUNCAN DAM - STATION NO. 08NH127

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.966	42.394	36.533	37.082	38.854	48.339	55.151	58.550	58.506	56.852	57.335	54.819	1
2	50.938	42.066	36.510	37.128	39.115	48.654	55.511	58.531	58.562	56.740	57.391	54.651	2
3	50.902	41.719	36.491	37.177	39.323	49.038	55.813	58.549	58.568	56.695	57.439	54.486	3
4	50.848	41.383	36.484	37.215	39.483	49.413	56.208	58.572	58.548	56.720	57.489	54.319	4
5	50.686	41.043	36.472	37.250	39.673	49.744	56.725	58.575	58.537	56.744	57.539	54.143	5
6	50.440	40.694	36.466	37.296	39.826	50.046	57.327	58.578	58.507	56.769	57.580	54.015	6
7	50.184	40.352	36.456	37.334	39.966	50.355	57.760	58.568	58.484	56.786	57.620	53.940	7
8	49.945	40.012	36.442	37.356	40.096	50.612	57.924	58.581	58.508	56.745	57.628	53.866	8
9	49.696	39.675	36.434	37.401	40.226	50.828	57.982	58.591	58.543	56.683	57.536	53.800	9
10	49.439	39.314	36.437	37.440	40.362	51.025	58.031	58.566	58.537	56.611	57.451	53.726	10
11	49.180	39.056	36.429	37.473	40.499	51.221	58.105	58.535	58.504	56.560	57.362	53.662	11
12	48.907	38.821	36.423	37.517	40.660	51.389	58.189	58.513	58.495	56.571	57.267	53.590	12
13	48.595	38.592	36.423	37.544	40.827	51.553	58.296	58.495	58.483	56.584	57.181	53.496	13
14	48.263	38.365	36.425	37.582	41.010	51.713	58.517	58.473	58.461	56.600	57.095	53.390	14
15	47.950	38.155	36.441	37.611	41.230	51.912	58.552	58.458	58.462	56.609	57.010	53.277	15
16	47.596	38.024	36.473	37.645	41.473	52.170	58.557	58.475	58.495	56.624	56.924	53.161	16
17	47.258	37.891	36.500	37.689	41.698	52.409	58.582	58.480	58.542	56.665	56.835	53.048	17
18	46.931	37.758	36.529	37.732	41.923	52.603	58.635	58.462	58.590	56.710	56.734	52.931	18
19	46.581	37.639	36.563	37.763	42.208	52.761	58.709	58.450	58.645	56.747	56.638	52.817	19
20	46.241	37.513	36.602	37.738	42.594	52.914	58.756	58.495	58.610	56.787	56.545	52.703	20
21	45.897	37.452	36.630	37.721	43.065	53.064	58.753	58.528	58.491	56.818	56.451	52.600	21
22	45.563	37.403	36.673	37.709	43.581	53.206	58.743	58.500	58.357	56.845	56.334	52.496	22
23	45.209	37.325	36.711	37.713	44.069	53.362	58.682	58.470	58.203	56.882	56.190	52.376	23
24	44.870	37.306	36.752	37.857	44.554	53.502	58.599	58.496	58.052	56.916	56.027	52.259	24
25	44.532	37.244	36.791	38.051	45.121	53.648	58.528	58.540	57.889	56.958	55.857	52.150	25
26	44.177	37.076	36.819	38.197	45.749	53.848	58.489	58.563	57.713	57.002	55.686	52.035	26
27	43.845	36.883	36.861	38.304	46.303	54.112	58.510	58.542	57.525	57.062	55.510	51.908	27
28	43.552	36.690	36.899	38.414	46.747	54.324	58.564	58.490	57.357	57.108	55.328	51.719	28
29	43.263		36.947	38.539	47.139	54.523	58.605	58.459	57.194	57.176	55.147	51.535	29
30	42.985		36.986	38.671	47.555	54.749	58.626	58.476	57.021	57.222	54.982	51.352	30
31	42.694		37.031		47.972		58.595	58.482		57.274		51.154	31
MEAN	47.358	38.853	36.601	37.672	42.352	51.901	58.001	58.518	58.280	56.809	56.737	53.078	MEAN
MAX	50.966	42.394	37.031	38.671	47.972	54.749	58.756	58.591	58.645	57.274	57.628	54.819	MAX
MIN	42.694	36.690	36.423	37.082	38.854	48.339	55.151	58.450	57.021	56.560	54.982	51.154	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 49.753
MAXIMUM DAILY, 58.756 ON JUL 20
MINIMUM DAILY, 36.423 ON MAR 12
MAXIMUM INSTANTANEOUS,
58.762 AT 07:55 PST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 20 N
LONG 116 56 51 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 518.160 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RIVER BELOW B.B. CREEK - STATION NO. 08NH119

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6	11.2	11.4	19.3	102	178	214	139	105	34.5	38.5	16.5	1
2	20.2	10.7	11.4	18.5	98.3	182	178	133	87.2	58.3	36.3	16.3	2
3	18.4	10.4	11.4	17.6	74.5	209	191	138	62.0	37.4	33.8	15.7	3
4	18.5	10.1	11.3	16.5	66.5	197	266	132	65.1	32.0	31.2	15.2	4
5	19.9	9.94	11.2	16.7	64.8	169	317	128	62.0	29.4	28.2	15.1	5
6	19.4	9.97	11.1	15.9	57.8	188	340	144	54.9	30.6	27.2	15.1	6
7	18.8	9.97B	10.9	14.9	55.2	167	281	162	60.9	36.2	25.9	14.8	7
8	17.7	9.94B	11.2	14.7	56.4	136	189	177	73.3	38.5	25.1	14.5	8
9	17.0	9.91B	11.1	14.4	59.7	119	144	171	85.2	34.8	23.8	14.2	9
10	16.5	9.91B	11.0	14.7	62.0	114	135	165	79.3	31.7	22.5	13.9	10
11	14.6	9.91	11.3	13.7	68.8	108	154	166	69.1	28.9	22.6	14.9	11
12	14.6	9.88B	11.6	13.3	73.6	102	153	173	71.6	28.0	26.2	13.2	12
13	14.0	9.91B	11.9	12.8	81.8	97.7	183	170	59.7	26.5	25.1	11.1	13
14	13.4	10.2 B	12.7	12.6	93.7	104	232	161	52.7	26.1	23.6	13.4	14
15	13.2	10.8 B	13.2	13.7	108	131	178	155	56.1	26.1	24.1	14.4	15
16	13.0	10.9 B	13.3	18.5	105	155	187	157	68.8	26.1	23.4	11.8	16
17	13.0B	11.4	13.5	19.1	104	125	205	145	74.5	25.3	21.9	11.0	17
18	13.0B	15.7	13.3	21.7	118	103	218	134	77.0	24.4	21.8	11.7	18
19	13.1B	14.2	13.4	26.1	158	94.3	214	136	108	24.6	21.1	13.4	19
20	13.3B	13.3	13.9	31.7	199	93.7	201	151	67.1	22.7	20.8	14.1	20
21	13.3	13.0	14.3	32.8	238	94.6	202	122	52.7	20.4	21.1	12.2	21
22	13.2	12.3	15.2	33.1	241	89.8	195	106	46.7	20.1	21.7	11.7	22
23	13.7	11.9	15.1	47.9	231	93.7	180	106	41.1	20.3	21.2	11.3	23
24	14.5	12.0	15.3	77.9	253	91.2	173	111	36.0	19.5	19.6	11.7	24
25	13.8	12.1	15.0	61.2	277	107	168	127	32.0	20.0	17.1	11.8	25
26	13.2	11.6	14.5	49.3	297	146	167	128	29.7	26.7	18.0	11.7	26
27	13.0	11.3	15.1	44.7	231	152	190	116	28.3	32.9	15.7	11.4	27
28	12.6	11.3	15.7	46.2	190	123	202	91.7	30.6	35.8	14.6	11.2	28
29	12.4		16.7	51.8	189	124	187	87.8	30.3	37.4	16.9	11.0	29
30	12.2		17.8	58.6	204	162	170	81.0	28.3	30.7	16.8	11.1	30
31	12.0		18.6		229		151	67.7		29.6		11.0	31
TOTAL	467.1	313.74	413.4	849.9	4 387.1	3 956.0	6 165	4 181.2	1 795.2	915.5	705.8	406.4	TOTAL
MEAN	15.1	11.2	13.3	28.3	142	132	199	135	59.8	29.5	23.5	13.1	MEAN
MAX	21.6	15.7	18.6	77.9	297	209	340	177	108	58.3	38.5	16.5	MAX
MIN	12.0	9.88	10.9	12.6	55.2	89.8	135	67.7	28.3	19.5	14.6	11.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.3
MAXIMUM DAILY, 340 ON JUL 6
MINIMUM DAILY, 9.88B ON FEB 12
MAXIMUM INSTANTANEOUS,
392 AT 20:45 PST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 17 N
LONG 117 02 50 W
DRAINAGE AREA, 1 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 400	JUL	533 000
FEB	27 100	AUG	361 000
MAR	35 700	SEP	155 000
APR	73 400	OCT	79 100
MAY	379 000	NOV	61 000
JUN	342 000	DEC	35 100

TOTAL DISCHARGE, 2 120 000 dam³

DUNCAN RIVER BELOW LARDEAU RIVER - STATION NO. 08NH118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	71.9	273	93.2	30.3	84.4	247	222	405	181	239	38.5	201	1
2	90.3	281	52.4	30.6	93.2	240	210	351	185	214	39.4	201	2
3	89.5	280	52.4	30.6	86.4	248	204	323	179	102	39.3	201	3
4	146	280	52.4	29.4	83.3	246	228	323	175	68.8	38.7	201	4
5	233	279	52.4	29.4	84.7	236	253	317	174	67.1	37.8	201	5
6	262	279	51.8	29.2	81.6	242	326	351	170	66.5	37.7	143	6
7	263	280	51.3	28.9	79.6	238	456	371	148	103	36.4	110	7
8	263	280	47.3	29.2	77.0	222	453	371	138	155	104	110	8
9	260	280	45.0	29.2	77.3	211	388	388	167	156	144	110	9
10	260	244	44.5	28.6	76.7	200	345	394	198	155	146	110	10
11	257	195	45.6	27.8	79.6	190	343	391	185	94.3	147	110	11
12	280	195	45.6	27.8	81.6	182	340	388	164	67.1	147	110	12
13	314	196	45.9	27.8	85.8	175	345	385	157	66.0	149	128	13
14	314	197	46.2	26.9	89.8	169	439	365	135	65.4	148	141	14
15	311	160	33.1	26.9	97.1	173	459	343	118	64.8	148	140	15
16	314	138	25.9	28.9	103	189	459	323	115	51.5	147	139	16
17	311	142	26.2	28.9	104	183	462	320	116	37.9	146	138	17
18	314	142	26.1	29.7	110	172	462	314	123	37.4	145	137	18
19	311	142	26.2	67.7	128	167	462	292	187	36.5	145	137	19
20	311	106	25.6	89.2	155	166	479	292	248	36.0	145	137	20
21	311	80.1	25.2	91.5	182	162	487	286	244	33.7	144	137	21
22	311	80.7	25.8	93.2	196	155	498	279	244	33.2	185	135	22
23	311	80.1	26.0	76.5	205	153	527	248	242	32.9	204	134	23
24	311	80.1	26.3	62.0	220	151	507	219	241	32.3	203	136	24
25	314	117	26.2	64.3	240	152	481	239	241	32.1	203	137	25
26	311	167	26.0	59.2	263	163	433	283	240	34.5	203	137	26
27	278	166	26.3	58.3	247	172	411	281	238	37.3	202	177	27
28	257	165	26.3	58.3	233	164	439	257	239	38.7	200	195	28
29	256		27.7	60.3	225	163	439	211	240	40.5	199	195	29
30	256		28.6	64.0	227	176	433	178	239	39.4	200	196	30
31	255		29.2		252		422	174		38.7		197	31
TOTAL	8 146.7	5 305.0	1 182.7	1 364.6	4 348.1	5 707	12 412	9 662	5 671	2 276.6	4 071.8	4 681	TOTAL
MEAN	263	189	38.2	45.5	140	190	400	312	189	73.4	136	151	MEAN
MAX	314	281	93.2	93.2	263	248	527	405	248	239	204	201	MAX
MIN	71.9	80.1	25.2	26.9	76.7	151	204	174	115	32.1	36.4	110	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 178
MAXIMUM DAILY, 527 ON JUL 23
MINIMUM DAILY, 25.2 ON MAR 21
MAXIMUM INSTANTANEOUS,
541 AT 10:00 PST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 56 N
LONG 116 57 18 W
DRAINAGE AREA, 4 070 km²

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	704 000	JUL	1 070 000
FEB	458 000	AUG	835 000
MAR	102 000	SEP	490 000
APR	118 000	OCT	197 000
MAY	376 000	NOV	352 000
JUN	493 000	DEC	404 000

TOTAL DISCHARGE, 5 600 000 dam³

DUTEAU CREEK NEAR LAVINGTON - STATION NO. 08LC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.208	0	0.007E	0.084	2.09	5.77	1.18	0.847	1.33	0.156	0.206	0.158	1
2	0.171	0	0	0.081	1.88	5.32	1.02	0.860	1.56	0.192	0.189	0.156	2
3	0.162	0	0	0.080	1.41	4.83	0.825	0.824	1.58	0.100	0.191	0.078	3
4	0.199	0	0	0.081	1.27	4.31	0.800	0.650	1.64	0.086	0.173	0.170	4
5	0.171	0	0	0.077	1.23	3.85	0.756	0.508	1.64	0.087	0.156	0.187	5
6	0.165	0	0	0.077	1.08	3.65	0.686	0.385	1.57	0.087	0.146	0.164	6
7	0.096	0.001	0.009	0.077	0.940	3.51	1.44	0.474	1.48	0.157	0.136	0.149	7
8	0.044	0.009	0.041	0.079	0.765	3.49	1.40	0.388	1.24	0.149	0.132	0.144	8
9	0.035	0	0.010	0.079	0.665	4.19	1.22	0.461	1.15	0.173	0.127	0.157	9
10	0.017	0	0.009	0.077	0.544	5.42	1.46	0.363	0.931	0.182	0.128	0.160	10
11	0	0	0.007	0.080	0.489	6.52	2.14	0.253	0.195	0.190	0.124	0.158	11
12	0.079	0	0.007	0.079	0.519	6.27	2.19	0.196	0.124	0.172	0.136	0.075	12
13	0.081	0	0.003	0.080	0.636	6.41	2.40	0.219	0.113	0.163	0.132	0.064	13
14	0.026	0.015	0	0.091	1.93	6.57	2.64	0.256	0.112	0.151	0.123	0.104	14
15	0.029	0.051	0	0.089	2.88	6.23	2.60	0.450	0.096	0.145	0.124	0.164B	15
16	0.137	0.031	0.037	0.127	3.45	5.82	2.36	0.649	0.092	0.139	0.118	0.180B	16
17	0.077	0.028	0.050	0.129	3.58	5.16	2.15	0.520	0.104	0.128	0.167	0.128B	17
18	0.050	0	0.035	0.154	3.56	4.61	2.05	0.303	0.088	0.119	0.226	0.167B	18
19	0.035	0	0.026	0.258	3.45	4.76	1.95	0.359	0.383	0.116	0.176	0.189B	19
20	0.004	0	0.022	0.391	3.67	4.48	1.69	0.486	0.534	0.113	0.161	0.172B	20
21	0	0	0.017	0.421	4.73	4.00	1.36	0.455	0.578	0.101	0.171	0.094B	21
22	0.029	0	0.020	0.699	5.42	3.45	1.09	0.413	0.364	0.099	0.166	0.156B	22
23	0.062	0	0.024	0.912	5.61	3.13	0.976	0.496	0.223	0.097	0.159	0.144B	23
24	0.081	0	0.022	2.85	5.52	2.97	1.33	0.422	0.105	0.112	0.150	0.169B	24
25	0.074	0	0.031	2.35	6.39	2.46	1.23	0.354	0.131	0.113	0.125	0.183B	25
26	0.033	0	0.046	1.78	8.07	1.86	1.24	0.417	0.164	0.113	0.147	0.167B	26
27	0.005	0	0.068	1.52	7.58	1.62	1.00	0.390	0.192	0.122	0.140	0.172B	27
28	0.001	0.007E	0.082	1.45	6.40	1.31	0.698	0.423	0.219	0.180	0.120	0.169B	28
29	0.001		0.112	1.38	5.30	1.00	0.852	0.795	0.213	0.223	0.139	0.162B	29
30	0.002		0.143	1.57	5.00	0.928	0.816	1.03	0.154	0.235	0.099	0.167B	30
31	0.002		0.140		5.67		0.911	1.03		0.221		0.110B	31
TOTAL	2.076	0.142	0.968	17.202	101.728	123.898	44.460	15.676	18.305	4.421	4.487	4.637	TOTAL
MEAN	0.067	0.005	0.031	0.573	3.28	4.13	1.43	0.506	0.610	0.143	0.150	0.150	MEAN
MAX	0.208	0.051	0.143	2.85	8.07	6.57	2.64	1.03	1.64	0.235	0.226	0.189	MAX
MIN	0	0	0	0.077	0.489	0.928	0.686	0.196	0.088	0.086	0.099	0.064	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.926
MAXIMUM DAILY, 8.07 ON MAY 26
MINIMUM DAILY, 0 ON JAN 11
MAXIMUM INSTANTANEOUS,
8.40 AT 10:30 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 51 N
LONG 119 02 04 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	179	JUL	3 840
FEB	12.3	AUG	1 350
MAR	83.6	SEP	1 580
APR	1 490	OCT	382
MAY	8 790	NOV	388
JUN	10 700	DEC	401

TOTAL DISCHARGE, 29 200 dam³

EAGLE RIVER NEAR MALAKWA - STATION NO. 08LE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.9	18.3	18.2	30.6	104	145	113	47.8	49.9	26.7	55.6	17.1	1
2	23.6	16.9	18.0	28.4	103	127	101	41.9	64.2	78.7	51.8	17.5	2
3	21.8	17.0	18.1	26.9	78.3	149	102	40.3	38.8	46.9	46.1	16.5	3
4	20.8	16.0	19.3	24.7	65.1	141	116	40.8	42.2	35.7	40.8	16.0	4
5	19.8	16.2	19.3	24.4	60.0	122	114	38.8	42.4	30.5	35.5	16.5	5
6	19.3	15.4	18.3	23.0	52.4	152	107	37.6	33.5	30.2	32.4	17.3	6
7	18.6	15.1	17.6	21.6	47.3	130	93.0	39.2	30.0	45.0	29.7	16.5	7
8	17.9	14.3	17.1	20.7	45.4	99.8	81.0	39.8	28.6	43.3	27.5	15.7A	8
9	17.2	14.0	16.6	20.5	47.8	89.0	67.0	39.5	27.4	39.4	25.9	15.5E	9
10	16.5	11.6A	16.4	20.1	52.0	87.4	61.1	37.8	26.2	36.0	24.6	15.1E	10
11	15.7	13.5A	16.5	19.4	55.0	82.2	69.3	37.5	23.4	32.2	23.2	15.0E	11
12	15.5	13.4	16.8	18.8	58.7	76.6	67.3	36.8	22.0	29.4	30.5	15.7E	12
13	15.6	13.6	17.1	18.1	69.0	71.5	71.9	34.8	20.2	27.0	29.4	15.8E	13
14	16.1	14.1	17.8	17.2	75.9	73.0	89.2	32.5	19.2	25.4	26.2	15.4E	14
15	13.5	14.9	18.4	17.6	88.1	82.4	81.0	31.8	18.5	24.4	26.3	15.4E	15
16	14.0	16.4	22.0	19.0	87.6	106	81.1	30.9	19.3	24.0	25.2	15.3A	16
17	15.3	18.9	24.3	19.7	95.6	93.0	80.8	31.9	19.7	23.4	23.4	14.9	17
18	15.5	20.3	23.4	21.1	105	80.0	79.1	29.5	20.2	22.6	22.8	14.5	18
19	14.5	20.6	22.9	24.7	129	76.8	75.1	27.7	25.8	21.8	21.8	14.6	19
20	13.7	21.4	22.1	30.5	142	75.4	66.5	34.5	22.5	20.7	21.5	14.1	20
21	13.5	21.1	21.4	34.3	156	76.7	82.0	32.8	20.2	19.5	21.7	13.6	21
22	17.2	20.3	21.5	37.0	184	75.0	79.3	26.7	19.3	18.7	23.4	13.3	22
23	26.7	19.7	21.7	47.9	197	79.3	68.2	24.8	19.1	18.2	22.8	13.0	23
24	32.6	19.7	21.8	104	180	77.8	65.5	26.0	18.2	17.8	21.5	12.9	24
25	28.9	19.7	22.2	88.5	195	80.5	60.7	26.9	16.6	17.7	20.4	13.0	25
26	26.1	20.0	22.3	66.6	235	93.5	56.3	26.0	15.4	22.0	19.7	12.8	26
27	24.0	19.4	22.3	55.1	151	93.4	56.5	23.7	14.7	32.7	18.4	12.5	27
28	22.3	18.8	22.6	53.4	116	81.6	59.3	20.9	16.8	48.2	17.7	12.3	28
29	21.3		24.2	58.4	110	79.1	58.3	21.7	19.4	49.7	17.5	12.0	29
30	20.0		25.5	60.9	132	92.5	51.9	26.0	18.0	39.5	17.2	11.8	30
31	19.1		27.2		199		50.4	21.5		41.3		11.7	31
TOTAL	601.5	480.6	632.9	1 049.1	3 416.2	2 888.5	2 400.8	1 008.4	771.7	988.6	820.5	453.3	TOTAL
MEAN	19.4	17.2	20.4	35.0	110	96.3	77.4	32.5	25.7	31.9	27.4	14.6	MEAN
MAX	32.6	21.4	27.2	104	235	152	116	47.8	64.2	78.7	55.6	17.5	MAX
MIN	13.5	11.6	16.4	17.2	45.4	71.5	50.4	20.9	14.7	17.7	17.2	11.7	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.5
MAXIMUM DAILY, 235 ON MAY 26
MINIMUM DAILY, 11.6A ON FEB 10
MAXIMUM INSTANTANEOUS,
290 AT 06:20 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 15 N
LONG 118 47 59 W
DRAINAGE AREA, 904 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 000	JUL	207 000
FEB	41 500	AUG	87 100
MAR	54 700	SEP	66 700
APR	90 600	OCT	85 400
MAY	295 000	NOV	70 900
JUN	250 000	DEC	39 200

TOTAL DISCHARGE, 1 340 000 dam³

ELAHO RIVER NEAR THE MOUTH - STATION NO. 08GA071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	24.8	30.0	170	200	177	---	299	325	954	---	1
2	---	---	23.8	27.5	98.5	209	187	---	170	135	---	---	2
3	---	---	25.7	25.4	78.8	243	287	---	129	80.7	---	---	3
4	---	---	25.1	23.2	68.3	221	313	---	121	58.5	---	---	4
5	---	22.1A	23.2	28.4	59.6	201	301	---	105	49.0	---	---	5
6	---	22.1	21.7	27.9	56.5	201	288	---	119	139	---	---	6
7	---	21.6	20.9	23.4	70.0	134	173	---	172	234	---	---	7
8	---	20.7	20.1	22.8	70.8	121	152	---	205	134	---	---	8
9	---	19.2	19.2	23.2	78.7	148	131	---	222	93.8	---	---	9
10	---	16.8	19.0	23.1	74.8	158	140	---	168	64.7	---	---	10
11	---	18.7	19.4	23.9	76.0	131	189	---	138	51.2	---	---	11
12	---	19.2	20.8	22.8	85.3	107	193	---	117	42.3	---	---	12
13	---	20.2	22.4	21.3	102	101	206A	---	97.1	39.2	---	---	13
14	---	35.6	23.4	20.4	102	131	220	---	92.3	46.5	---	---	14
15	---	51.4	24.0	21.7	104	149	248A	---	128	51.2	---	---	15
16	---	62.7	26.3	31.4	92.3	151	282A	---	161	53.2	---	---	16
17	---	98.7	23.5	33.5	106	119	290A	---	197	53.7	---	---	17
18	---	79.7	21.7	32.8	112	118	---	---	231	55.0	---	---	18
19	---	81.3	21.0	35.3	184	128	---	---	217	55.8	---	---	19
20	---	69.8	20.8	47.2	214	167	---	---	116	42.9	---	---	20
21	---	48.5	21.1	43.8	219	129	---	---	124	33.4	---	---	21
22	---	39.8	21.4	68.8	185	129	---	---	97.3	30.1	---	---	22
23	---	37.0	22.0	289	175	123	---	---	73.4	30.0	---	---	23
24	---	39.7	21.7	274	286	121	---	---	57.0	32.3	---	---	24
25	---	35.8	22.6	123	360	143	---	---	46.4	37.9	---	---	25
26	---	32.6	23.4	81.4	243	176	---	114A	40.5	48.9	---	---	26
27	---	29.5	23.4	69.0	184	169	---	119	50.0	10	---	---	27
28	---	26.8	23.5	74.9	178	158	---	101	82.6	227	---	---	28
29	---		28.4	90.7	218	168	---	128	74.3	89.7	---	---	29
30	---		29.1	136	333	197	---	125	104	70.0	---	---	30
31	---		30.9		284		---	145		802		---	31
TOTAL	---	---	714.3	1 795.8	4 628.6	4 647	---	---	3 953.9	3 311.0	---	---	TOTAL
MEAN	---	---	23.0	59.9	149	155	---	---	132	107	---	---	MEAN
MAX	---	---	30.9	289	360	243	---	---	299	802	---	---	MAX
MIN	---	---	19.0	20.4	56.5	101	---	---	40.5	30.0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 954 ON NOV 1

MAXIMUM INSTANTANEOUS,
1 130 AT 08:05 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 10 N
LONG 123 26 10 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	61 700	SEP	342 000
APR	155 000	OCT	286 000
MAY	400 000	NOV	---
JUN	402 000	DEC	---

ELK RIVER AT FERNIE - STATION NO. 08NK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.4E	14.9	14.4	20.6	110	250	178	74.5	37.4	23.1	18.3	11.9B	1
2	31.4E	14.9	14.2	19.9	142	220	177	70.2	36.8	27.6	18.3	12.2B	2
3	27.7E	14.8	14.5	19.5	124	214	163	66.5	35.4	28.1	18.3	11.9B	3
4	25.9E	12.5 B	14.6	19.0	108	218	165	64.8	34.3	26.4	18.3	12.2B	4
5	25.5E	11.0 B	14.5	19.3	104	204	175	62.6	33.7	25.1	18.0	12.7B	5
6	25.0E	11.0 B	14.0	19.4	95.1	193	174	59.7	32.8	24.3	17.5	13.3B	6
7	22.5A	11.9 B	13.5	18.3	88.9	189	161	57.8	31.7	23.6	17.6	12.9B	7
8	21.8	11.6 B	13.7	18.4	87.8	172	142	57.2	30.6	23.0	17.4	12.3B	8
9	21.4	10.1 B	13.5	18.6	86.9	156	122	57.2	30.0	23.8	16.9	12.5B	9
10	20.6	9.06B	13.6	17.9	88.3	142	113	56.1	29.2	23.3	16.6	12.7B	10
11	19.5	9.15B	13.8	17.5	89.5	130	104	54.4	29.2	22.6	16.5	13.0B	11
12	17.4	10.5 B	14.4	18.0	85.5	123	97.1	53.0	29.2	22.2	16.8	12.5B	12
13	17.2B	12.6 B	15.0	17.2	83.5	135	99.4	54.4	28.6	22.0	17.0	11.6B	13
14	15.7B	14.2 B	15.5	16.7	86.9	138	104	56.4	28.3	21.8	17.4	11.9B	14
15	14.3B	15.6 B	16.3	17.2	110	154	101	56.9	27.8	21.4	17.4	12.8B	15
16	13.5B	17.9 B	17.1	19.1	129	174	95.1	56.4	27.1	21.1	17.2	12.5B	16
17	12.9B	22.4 B	18.7	20.7	121	183	90.3	53.8	26.7	20.7	17.2	11.9B	17
18	13.3B	22.9 B	17.9	22.1	116	174	88.1	54.1	26.4	20.5	17.1	11.9B	18
19	16.8B	24.3	16.6	24.9	133	159	87.8	51.5	26.2	20.4	16.5	12.5B	19
20	16.8B	23.0	16.6	28.6	168	150	88.9	49.3	26.4	19.9	16.1	12.3B	20
21	16.3B	19.1	15.7	37.9	204	146	89.2	48.1	27.1	19.5	16.1	11.4B	21
22	17.5	17.8	16.8	41.1	237	139	90.0	46.7	27.1	18.9	16.7	11.0B	22
23	17.4	17.4	16.2	45.9	267	135	88.6	45.0	26.5	18.6	16 2	10.8B	23
24	17.7	17.1	16.3	72.5	300	132	88.6	42.5	25.9	18.6	15.8	11.0B	24
25	17.1	16.4	16.6	78.7	323	127	91.7	40.8	25.2	18.8	14.2	11.4B	25
26	16.5	15.4	17.6	70.5	348	137	95.7	40.8	25.4	18.8	12.5B	11.0B	26
27	15.7	14.8	17.3	66.0	360	161	89.2	39.6	25.0	19.3	12.7B	11.0B	27
28	15.7	14.7	17.5	67.4	337	166	87.8	39.4	25.1	19.2	11.3B	10.6B	28
29	15.5		18.5	69.1	300	154	86.4	38.8	25.4	19.2	11.6B	10.3B	29
30	15.3		19.4	73.3	275	158	83.0	37.9	24.1	18.8	11.6B	10.2B	30
31	15.0		19.8		271		78.2	37.4		18.4		10.3B	31
TOTAL	596.3	427.01	494.1	1 015.3	5 379.4	4 933	3 494.1	1 623.8	864.6	669.0	485.1	366.5	TOTAL
MEAN	19.2	15.3	15.9	33.8	174	164	113	52.4	28.8	21.6	16.2	11.8	MEAN
MAX	37.4	24.3	19.8	78.7	360	250	178	74.5	37.4	28.1	18.3	13.3	MAX
MIN	12.9	9.06	13.5	16.7	83.5	123	78.2	37.4	24.1	18.4	11.3	10.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.7
MAXIMUM DAILY, 360 ON MAY 27
MINIMUM DAILY, 9.06B ON FEB 10
MAXIMUM INSTANTANEOUS,
376 AT 10:00 MST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 36 N
LONG 115 04 17 W
DRAINAGE AREA, 3 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	51 500	JUL	302 000
FEB	36 900	AUG	140 000
MAR	42 700	SEP	74 700
APR	87 700	OCT	57 800
MAY	465 000	NOV	41 900
JUN	426 000	DEC	31 700

TOTAL DISCHARGE, 1 760 000 dam³

ELK RIVER AT PHILLIPS BRIDGE - STATION NO. 08NK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.5	24.4	24.3	38.3	225	373	256	101	47.1	33.0	25.1	19.7	1
2	58.8	24.2	23.5	37.2	268	330	251	96.6	49.1	39.5	25.3	20.9	2
3	52.2	23.5	23.5	36.1	222	322	235	92.0	46.3	41.6	24.8	19.1	3
4	48.6	21.8	23.5	35.0	185	340	232	83.8	44.5	38.0	28.8	19.5	4
5	48.0	19.2	24.1	33.7	170	323	240	84.9	43.6	35.5	24.9	20.5	5
6	47.1	19.3	23.5	35.4	152	316	237	80.4	42.4	34.0	24.4	22.9	6
7	43.7	21.2	22.6	33.8	140	306	233	77.3	41.3	33.1	21.4	22.3	7
8	43.6	20.7	22.5	32.4	135	279	213	74.9	40.1	33.2	22.6	21.1	8
9	41.0	18.1	22.3	33.2	132	276	185	74.4	39.2	33.2	23.2	20.6	9
10	39.2	16.2	21.4	32.2	133	259	169	72.2	38.2	33.0	23.4	22.1	10
11	35.1	16.4	22.5	31.4	135	237	159	70.3	37.8	32.1	23.1	22.7	11
12	32.2	18.8	23.9	31.8	130	221	147	68.3	37.6	31.5	23.4	20.1	12
13	31.1	22.5	25.2	30.3	126	238	145	68.1	37.1	30.7	24.6	18.0	13
14	28.3	25.3	27.2	29.4	132	252	161	70.6	36.6	30.4	24.8	19.0	14
15	25.8	27.9	29.2	30.3	167	281	157	72.0	36.4	29.9	25.7	23.3	15
16	24.5	32.0	31.2	34.9	201	308	146	70.8	35.6	29.8	25.2	23.0	16
17	23.2	39.8	34.3	39.7	184	312	136	68.4	33.9	29.8	25.2	21.5	17
18	24.0	37.6	33.8	43.1	173	295	130	67.4	35.0	28.9	24.9	19.2	18
19	30.4	37.9	31.1	49.3	203	276	128	66.2	33.9	28.8	24.3	18.7	19
20	30.2	43.2	30.3	57.6	255	283	126	63.9	33.0	28.6	24.1	21.0	20
21	29.5	36.3	28.6	86.9	297	279	124	61.2	33.9	28.3	23.7	20.4	21
22	28.3	32.5	29.0	90.4	339	255	124	59.0	34.4	27.9	24.9	17.5	22
23	29.6	31.8	29.1	98.8	388	250	122	56.5	35.5	27.2	25.0	17.4	23
24	31.4	30.3	29.2	167	430	244	118	53.6	33.4	26.9	24.2	18.5	24
25	30.5	29.2	29.9	179	474	230	121	50.8	33.3	26.3	22.7	19.6	25
26	28.1	27.4	31.6	151	554	233	128	50.3	34.0	26.3	20.9	17.6	26
27	27.2	25.5	31.5	133	537	252	120	48.9	32.9	26.8	19.6	17.9	27
28	26.4	24.9	32.2	135	494	255	120	47.3	33.8	27.0	19.8	17.4	28
29	26.0		33.5	135	449	235	117	47.0	37.5	26.8	18.4	15.5B	29
30	25.6		35.6	149	415	234	112	46.4	33.8	26.3	19.1	15.2B	30
31	25.0		36.0		405		106	46.1		25.6		14.8B	31
TOTAL	1 085.1	747.9	866.1	2 050.2	8 250	8 294	4 998	2 090.6	1 131.2	950.0	707.5	607.0	TOTAL
MEAN	35.0	26.7	27.9	68.3	266	276	161	67.4	37.7	30.6	23.6	19.6	MEAN
MAX	70.5	43.2	36.0	179	554	373	256	101	49.1	41.6	28.8	23.3	MAX
MIN	23.2	16.2	21.4	29.4	126	221	106	46.1	32.9	25.6	18.4	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.1
MAXIMUM DAILY, 554 ON MAY 26
MINIMUM DAILY, 14.8B ON DEC 31
MAXIMUM INSTANTANEOUS,
589 AT 13:45 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 54 N
LONG 115 06 38 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	93 800	JUL	432 000
FEB	64 600	AUG	181 000
MAR	74 800	SEP	97 700
APR	177 000	OCT	82 100
MAY	713 000	NOV	61 100
JUN	717 000	DEC	52 400

TOTAL DISCHARGE, 2 750 000 dam³

ELK RIVER NEAR NATAL - STATION NO. 08NK016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.85	7.11	5.86	7.93	39.6	150	120	53.0	25.7	14.6	10.5	8.11	1
2	9.71	7.08	5.78	7.90	56.4	133	124	50.4	25.0	15.6	10.4	8.38	2
3	9.06B	6.97	5.86	7.76	53.2	127	114	47.9	24.0	15.9	10.4	8.33	3
4	8.44	6.65B	5.97	7.48	47.9	126	114	46.7	23.0	15.6	10.2	8.43	4
5	7.99	5.95B	6.37	7.96	47.0	117	123	45.6	22.4	15.4	10.2	8.83	5
6	8.86	5.66B	6.54	8.10	44.2	110	120	43.0	21.9	15.0	10.1	9.06	6
7	9.32	5.78B	6.03	7.65	42.5	106	111	41.9	21.0	14.5	9.87	8.49	7
8	9.17	5.66B	5.86	7.73	42.2	96.8	97.4	41.9	20.2	14.0	9.66	8.25	8
9	9.54	5.38B	5.75	8.04	42.8	86.4	82.1	41.6	19.6	13.6	9.55	8.47	9
10	9.37	5.24B	5.80	7.67	43.6	78.7	71.6	40.2	19.3	13.8	9.46	8.71	10
11	8.69	5.47B	6.03	7.62	43.0	71.4	66.0	39.1	19.7	13.5	9.30	8.66	11
12	9.20	5.66B	6.23	7.62	41.6	67.7	62.3	39.1	20.0	13.3	9.40	7.95	12
13	8.92	6.17B	6.34	7.42	40.8	71.1	65.1	41.6	19.5	13.0	9.50	6.80B	13
14	8.24	6.31	6.40	7.16	41.3	80.7	68.2	42.8	19.0	12.7	9.69	6.80B	14
15	8.13	6.31	6.60	7.22	47.6	90.9	67.4	42.8	18.4	12.6	9.65	7.22B	15
16	7.82	6.63	6.74	7.56	58.9	101	63.7	42.5	17.8	12.5	9.45	7.63	16
17	7.14	6.77	6.91	8.01	54.7	109	61.2	41.1	17.4	12.2	9.44	7.54	17
18	7.08B	6.68	6.85	8.44	54.1	106	59.7	40.8	17.2	12.1	9.48	6.51B	18
19	6.82	6.91	6.26	8.92	59.2	95.7	59.7	38.8	17.3	12.0	9.43	7.99	19
20	6.91	7.22	5.15	9.71	74.8	87.8	60.6	36.8	17.7	11.8	9.16	7.90	20
21	6.91	6.68	4.87	11.6	96.3	84.4	60.6	35.7	17.5	11.9	9.09	6.85B	21
22	7.16	6.77	6.29	13.0	125	80.4	61.7	34.8	17.4	11.6	8.96	6.51B	22
23	7.65	6.54	6.34	15.1	148	78.7	61.7	32.6	17.4	11.6	8.88	6.51B	23
24	7.70	6.63	5.80	20.3	165	74.2	62.0	30.6	17.0	11.3	8.80	6.57B	24
25	7.84	6.48	6.37	26.2	178	71.9	66.8	29.4	16.4	11.2	7.73A	6.65B	25
26	7.67	6.06	7.36	26.6	194	81.8	67.7	29.4	16.4	11.3	7.22A	6.51B	26
27	7.56	5.92	6.71	25.7	215	102	64.6	28.6	16.2	11.5	8.23	6.46B	27
28	7.36	5.78	6.12	26.2	201	106	61.4	28.3	15.8	11.3	7.99	6.17B	28
29	7.28		7.45	27.2	172	99.7	60.9	27.9	15.2	11.1	7.57	5.86B	29
30	7.45		7.05	28.3	159	103	60.0	27.1	14.6	11.0	7.90	5.61B	30
31	7.11		7.50		157		56.9	26.6		10.9		5.44B	31
TOTAL	251.95	176.47	195.19	378.10	2 781.7	2 894.3	2 395.3	1 188.6	570.0	398.4	277.21	229.20	TOTAL
MEAN	8.13	6.30	6.30	12.6	89.7	96.5	77.3	38.3	19.0	12.9	9.24	7.39	MEAN
MAX	9.85	7.22	7.50	28.3	215	150	124	53.0	25.7	15.9	10.5	9.06	MAX
MIN	6.82	5.24	4.87	7.16	39.6	67.7	56.9	26.6	14.6	10.9	7.22	5.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.2
MAXIMUM DAILY, 215 ON MAY 27
MINIMUM DAILY, 4.87 ON MAR 21
MAXIMUM INSTANTANEOUS,
220 AT 15:00 MST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 58 N
LONG 114 52 06 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 800	JUL	207 000
FEB	15 200	AUG	103 000
MAR	16 900	SEP	49 200
APR	32 700	OCT	34 400
MAY	240 000	NOV	24 000
JUN	250 000	DEC	19 800

TOTAL DISCHARGE, 1 010 000 dam³

ENGLISHMAN RIVER NEAR PARKSVILLE - STATION NO. 08HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.5	8.04	15.2	21.8	15.9	4.93	3.54	0.909	0.814	20.6	98.3	31.0	1
2	20.4	7.52	13.3	16.1	15.9	4.56	3.17	0.877	2.05	25.3	48.2	60.8	2
3	15.9	6.86	12.0	14.1	15.2	4.38	2.79	0.846	1.63	14.1	30.7	34.5	3
4	12.7	6.51	11.2	11.6	13.5	4.93	2.64	0.846	1.34	9.35	22.5	25.5	4
5	10.8	6.16	9.72	31.3	11.6	4.75	2.52	0.846	1.10	6.95	16.6	310	5
6	9.62	5.81	8.62	27.2	10.6	7.69	2.34	0.814	0.973	38.9	13.1	74.4	6
7	8.70	5.55	7.69	19.6	12.0	5.40	2.29	0.782	0.941	46.0	10.6	48.8	7
8	7.91	5.28	8.06	15.4	14.6	5.40	2.11	0.782	0.877	43.3	8.98	55.6	8
9	9.62	5.11	7.14	13.1	12.9	4.93	1.99	0.750	0.814	31.8	7.32	38.1	9
10	13.4	4.67	6.26	11.6	11.4	4.84	1.99	0.686	0.782	20.1	6.11	66.3	10
11	10.7	3.79	5.97	12.9	10.5	4.93	2.11	0.655	0.750	14.1	47.5	49.4	11
12	9.23	4.43	5.69	12.7	9.35	5.54	1.99	0.591	0.655	10.6	75.2	33.7	12
13	8.44	4.93	5.21	11.8	8.25	5.12	1.81	0.591	0.591	8.25	50.6	24.0	13
14	7.52	38.1	5.12	11.6	8.25	4.75	1.75	0.559	0.591	6.58	51.5	23.0	14
15	6.86	90.5	4.93	12.2	8.06	4.28	1.69	0.559	0.591	5.40	90.9	23.5	15
16	6.25	118	5.54	29.9	6.95	4.19	1.51	0.527	0.527	4.84	73.3	21.6	16
17	5.90	80.9	5.12	21.8	5.97	3.91	1.51	0.527	0.496	4.28	44.8	17.9	17
18	24.0	99.1	4.75	16.9	5.69	3.72	1.46	0.496	0.464	4.00	37.8	17.9	18
19	45.9	191	4.56	14.6	6.58	6.58	1.40	0.496	0.559	3.63	32.6	164	19
20	29.9	77.0	4.19	13.7	7.32	5.97	1.40	0.496	0.655	3.35	43.9	70.4	20
21	97.7	44.2	4.10	12.2	7.14	5.69	1.40	0.496	1.04	3.07	80.5	40.3	21
22	61.9	32.4	4.38	13.7	6.11	5.12	1.28	0.496	11.0	2.70	81.7	26.9	22
23	35.9	24.5	5.31	27.2	5.40	6.11	1.28	0.464	5.69	2.52	61.9	20.8	23
24	23.6	23.5	6.58	32.6	5.97	5.97	1.16	0.559	4.28	2.40	38.4	17.4	24
25	16.8	19.6	7.69	19.1	16.9	5.03	1.10	0.686	3.63	2.29	27.2	14.3	25
26	14.7	20.1	10.1	13.9	11.4	4.47	1.04	0.591	3.07	2.23	22.3	12.7	26
27	12.7	18.4	7.88	10.8	8.62	4.19	1.00	0.559	2.79	4.10	17.6	10.8	27
28	12.1	17.4	6.77	16.9	6.64	3.72	0.973	0.527	15.9	72.9	13.9	9.54	28
29	11.0		9.17	15.6	5.97	3.72	0.973	0.718	12.5	35.4	11.8	8.25	29
30	9.75		12.9	15.9	6.26	3.54	0.973	0.623	8.06	22.0	10.1	7.51	30
31	8.70		18.1		5.54		0.973	0.718		197		6.40	31
TOTAL	595.10	969.36	243.25	517.8	296.47	148.36	54.162	20.072	85.160	668.04	1 175.91	1 365.30	TOTAL
MEAN	19.2	34.6	7.85	17.3	9.56	4.95	1.75	0.647	2.84	21.5	39.2	44.0	MEAN
MAX	97.7	191	18.1	32.6	16.9	7.69	3.54	0.909	15.9	197	98.3	310	MAX
MIN	5.90	3.79	4.10	10.8	5.40	3.54	0.973	0.464	0.464	2.23	6.11	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 310 ON DEC 5
MINIMUM DAILY, 0.464 ON AUG 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 19 00 N
LONG 124 16 58 W
DRAINAGE AREA, 324 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 400	JUL	4 680
FEB	83 800	AUG	1 730
MAR	21 000	SEP	7 360
APR	44 700	OCT	57 700
MAY	25 600	NOV	102 000
JUN	12 800	DEC	118 000

TOTAL DISCHARGE, 531 000 dam³

EQUESIS CREEK NEAR THE MOUTH - STATION NO. 08MM161

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.191	0.198E	0.195E	0.254	2.05	1.58	0.640E	0.396E	0.135	0.127	0.292E	0.479	1
2	0.191	0.197E	0.200E	0.233	1.91	1.46	0.620	0.385E	0.099	0.142	0.329	0.479	2
3	0.191	0.195E	0.204E	0.233	1.50E	1.33	0.583E	0.371E	0.135	0.156	0.383	0.445	3
4	0.191E	0.194E	0.215E	0.233E	1.09	1.33	0.547	0.356	0.156	0.142	0.383	0.445	4
5	0.188E	0.191	0.225E	0.233E	1.46	1.18	0.513E	0.329	0.142	0.142	0.383	0.445	5
6	0.187E	0.191	0.238E	0.233	1.27	1.15	0.479	0.302	0.127E	0.156	0.411	0.445E	6
7	0.187E	0.191	0.254	0.212	1.21	1.03	0.479	0.275	0.113E	0.173E	0.445	0.445	7
8	0.185E	0.191	0.256E	0.212	1.03	1.03	0.513	0.275	0.120	0.191	0.445E	0.445	8
9	0.184E	0.183E	0.252E	0.212	1.19E	1.03	0.479	0.254E	0.099	0.212	0.445	0.428E	9
10	0.183E	0.181E	0.246E	0.212	1.36E	1.33	0.513	0.233	0.099	0.212	0.411	0.411	10
11	0.181E	0.150E	0.238E	0.222E	1.52	1.36 E	0.479	0.212	0.099	0.191	0.428E	0.411	11
12	0.178E	0.173E	0.232E	0.233E	1.58	1.39	0.462E	0.191	0.099	0.180E	0.445	0.411	12
13	0.177E	0.170	0.229E	0.243	1.58	1.46	0.445	0.170	0.099E	0.170	0.445	0.371E	13
14	0.177E	0.177E	0.228E	0.212	1.71	1.39	0.445	0.170E	0.099	0.163E	0.445	0.329	14
15	0.178E	0.184E	0.229E	0.212E	1.91	1.27 E	0.445E	0.170	0.099	0.156	0.462E	0.275	15
16	0.178E	0.191	0.231E	0.212	2.05	1.15	0.445	0.170	0.099E	0.156	0.479	0.275	16
17	0.180E	0.212	0.229E	0.233E	2.12E	1.03	0.411	0.156	0.099	0.170	0.513	0.275	17
18	0.180E	0.212	0.227E	0.254	2.19E	1.03	0.445	0.135E	0.099	0.170	0.513E	0.302	18
19	0.181E	0.212E	0.221E	0.331E	2.25	1.03	0.462E	0.113	0.113	0.170	0.513	0.302	19
20	0.181E	0.212E	0.219E	0.411	2.19	0.983	0.479	0.142	0.113E	0.170	0.547	0.303E	20
21	0.187E	0.208E	0.217E	0.445	2.25	0.932	0.445	0.127	0.113	0.181	0.547	0.302	21
22	0.191	0.207E	0.212E	0.532E	2.25	0.983	0.428E	0.127	0.113	0.170	0.530E	0.302	22
23	0.233	0.205E	0.212	0.620	2.19	0.932	0.411	0.120E	0.127	0.170	0.513	0.275	23
24	0.226E	0.204E	0.212	1.03	2.25E	0.881	0.513	0.113	0.127	0.170	0.479	0.275	24
25	0.219E	0.202E	0.212	0.983	2.32	0.779	0.479	0.099	0.127	0.170E	0.479	0.275E	25
26	0.212	0.201E	0.233	0.779	2.25E	0.699	0.430E	0.099	0.127	0.170	0.479	0.275E	26
27	0.212	0.200E	0.233	0.906	2.15	0.739	0.383	0.099	0.135E	0.191	0.479	0.275E	27
28	0.207E	0.198E	0.233	0.830	1.98	0.699	0.356	0.089	0.142	0.212	0.479	0.275	28
29	0.204E		0.233E	0.881	1.64	0.660	0.383	0.099	0.127	0.233	0.479E	0.275	29
30	0.202E		0.233	1.15	1.64	0.660	0.356	0.089	0.127	0.254	0.479	0.275	30
31	0.200E		0.233		1.64		0.411	0.099		0.254		0.275E	31
TOTAL	5.962	5.430	7.031	12.986	55.73	32.507	14.479	5.965	3.508	5.524	13.660	10.800	TOTAL
MEAN	0.192	0.194	0.227	0.433	1.80	1.08	0.467	0.192	0.117	0.178	0.455	0.348	MEAN
MAX	0.233	0.212	0.256	1.15	2.32	1.58	0.640	0.396	0.156	0.254	0.547	0.479	MAX
MIN	0.177	0.150	0.195	0.212	1.03	0.660	0.356	0.089	0.099	0.127	0.292	0.275	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.476
MAXIMUM DAILY, 2.32 ON MAY 25
MINIMUM DAILY, 0.089 ON AUG 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 17 18 N
LONG 119 24 43 W
DRAINAGE AREA, 199 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	515	JUL	1 250
FEB	469	AUG	515
MAR	607	SEP	303
APR	1 120	OCT	477
MAY	4 820	NOV	1 180
JUN	2 810	DEC	933

TOTAL DISCHARGE, 15 000 dam³

ESPERON CREEK NEAR KELOWNA - STATION NO. 08NM139

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.042E	0.040	0.028A	0.034E	1.07	0.549	0.170	0.125	0.068	0.057	0.228	0.086	1
2	0.042E	0.040	0.031E	0.031E	1.07	0.464	0.147	0.105	0.156	0.065	0.217	0.087	2
3	0.040E	0.037	0.031E	0.031E	0.782	0.428	0.130	0.116	0.099	0.057	0.180	0.081	3
4	0.040E	0.037	0.031E	0.028E	0.609	0.402	0.116	0.193	0.079	0.051	0.149	0.080	4
5	0.037E	0.037	0.031E	0.031E	0.487	0.360	0.105	0.147	0.074	0.045	0.128	0.079	5
6	0.037E	0.034	0.031E	0.031E	0.439	0.343	0.096	0.110	0.059	0.076	0.115	0.080	6
7	0.034E	0.031	0.031E	0.031E	0.425	0.300	0.136	0.091	0.048	0.331	0.108	0.080	7
8	0.034E	0.027	0.031E	0.031E	0.476	0.275	0.201	0.079	0.037	0.246	0.104	0.078	8
9	0.034E	0.027	0.031E	0.031E	0.680	0.323	0.164	0.068	0.031	0.178	0.102	0.077	9
10	0.031E	0.024	0.031E	0.034E	0.773	0.396	0.150	0.059	0.026	0.147	0.101	0.078	10
11	0.031E	0.020	0.031E	0.034E	0.779	0.521	0.167	0.054	0.024	0.122	0.103	0.075	11
12	0.028E	0.020	0.031E	0.034E	0.773	0.402	0.136	0.048	0.020	0.108	0.182	0.071	12
13	0.028E	0.022	0.031E	0.034E	0.867	0.459	0.139	0.042	0.018	0.099	0.171	0.066	13
14	0.027A	0.025	0.034E	0.031E	0.980	0.456	0.164	0.037	0.016	0.093	0.147	0.066	14
15	0.026B	0.025	0.034E	0.034E	1.14	0.365	0.144	0.034	0.015	0.091	0.134	0.067	15
16	0.025B	0.028	0.037E	0.040E	1.04	0.377	0.150	0.031	0.014	0.093	0.125	0.064	16
17	0.025B	0.034	0.037E	0.048E	1.19	0.311	0.142	0.028	0.013	0.091	0.118	0.061	17
18	0.024B	0.034	0.037E	0.059E	1.33	0.306	0.173	0.025	0.011	0.088	0.111	0.060	18
19	0.024B	0.034	0.034E	0.071E	1.49	0.428	0.161	0.023	0.021	0.085	0.108	0.060	19
20	0.026B	0.034	0.034E	0.085E	1.45	0.371	0.150	0.023	0.037	0.079	0.107	0.059B	20
21	0.028B	0.034	0.031E	0.105E	1.61	0.303	0.133	0.023	0.034	0.071	0.109	0.059B	21
22	0.028B	0.034	0.031E	0.085E	1.34	0.294	0.113	0.022	0.031	0.062A	0.104	0.059B	22
23	0.042B	0.034	0.031E	0.164E	1.16	0.278	0.105	0.019	0.028	0.062	0.105	0.057B	23
24	0.051B	0.031	0.028A	0.340E	1.06	0.246	0.212	0.017	0.031	0.063	0.091	0.057B	24
25	0.057B	0.031	0.027E	0.311E	1.25	0.218	0.221	0.014	0.037	0.066	0.096	0.057B	25
26	0.051B	0.034	0.028E	0.283E	1.31	0.195	0.153	0.013	0.034	0.068	0.095	0.057B	26
27	0.048B	0.031	0.031E	0.280A	0.932	0.178	0.122	0.011	0.040	0.080	0.088	0.057B	27
28	0.045B	0.031	0.034E	0.294	0.753	0.167	0.096	0.010	0.054	0.128	0.087	0.057B	28
29	0.045		0.034E	0.365	0.634	0.156	0.096	0.014	0.057	0.175	0.088	0.054B	29
30	0.042		0.034E	0.614	0.586	0.159	0.119	0.024	0.054	0.143	0.087	0.054B	30
31	0.042		0.034E		0.603		0.122	0.023		0.144		0.051	31
TOTAL	1.114	0.870	0.990	3.624	29.088	10.030	4.433	1.628	1.266	3.264	3.688	2.074	TOTAL
MEAN	0.036	0.031	0.032	0.121	0.938	0.334	0.143	0.053	0.042	0.105	0.123	0.067	MEAN
MAX	0.057	0.040	0.037	0.614	1.61	0.549	0.221	0.193	0.156	0.331	0.228	0.087	MAX
MIN	0.024	0.020	0.027	0.028	0.425	0.156	0.096	0.010	0.011	0.045	0.087	0.051	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.170
MAXIMUM DAILY, 1.61 ON MAY 21
MINIMUM DAILY, 0.010 ON AUG 28
MAXIMUM INSTANTANEOUS,
1.77 AT 20:56 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 24 N
LONG 119 41 16 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96.2	JUL	383
FEB	75.2	AUG	141
MAR	85.5	SEP	109
APR	313	OCT	282
MAY	2 510	NOV	319
JUN	867	DEC	179

TOTAL DISCHARGE, 5 360 dam³

EWER CREEK NEAR THE MOUTH - STATION NO. 08NM176

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.130E	0.090B	0.107E	0.120E	1.32	0.942	0.368	0.204	0.147	0.097	0.355	0.104E	1
2	0.125E	0.088B	0.106E	0.115E	1.24	0.873	0.329	0.186	0.169	0.147	0.352	0.106E	2
3	0.120A	0.087B	0.105E	0.113E	1.07	0.901	0.306	0.203	0.116	0.107	0.318	0.100E	3
4	0.110B	0.086B	0.102E	0.110E	0.985	0.903	0.283	0.219	0.121	0.097	0.292	0.098E	4
5	0.100B	0.084B	0.095E	0.112E	0.907	0.800	0.273	0.191	0.123	0.101	0.268	0.102E	5
6	0.095B	0.083B	0.094E	0.109E	0.877	0.769	0.254	0.175	0.101	0.158	0.253	0.103E	6
7	0.091B	0.082B	0.096E	0.108E	0.854	0.710	0.324	0.157	0.091	0.379	0.248	0.100E	7
8	0.085B	0.080B	0.097E	0.107E	0.910	0.689	0.357	0.159A	0.081	0.241	0.242	0.097E	8
9	0.080B	0.078B	0.095E	0.106E	1.10	0.745	0.304	0.163	0.075	0.226	0.241	0.095E	9
10	0.076B	0.030B	0.093E	0.105E	1.13	0.740	0.288	0.153	0.072	0.201	0.236	0.091E	10
11	0.074B	0.048B	0.092E	0.103E	1.05	0.684	0.279	0.142	0.069	0.181	0.242	0.090E	11
12	0.073B	0.068B	0.091E	0.101E	1.10	0.630	0.252	0.134	0.062	0.170	0.309A	0.091B	12
13	0.071B	0.072B	0.093E	0.094A	1.22	0.633	0.246	0.129	0.060	0.161	0.250E	0.092B	13
14	0.068B	0.076B	0.095E	0.096	1.35	0.607	0.247	0.123	0.057	0.158	0.210E	0.090B	14
15	0.064B	0.079E	0.100E	0.108	1.53	0.531	0.241	0.134	0.053	0.152	0.190E	0.087B	15
16	0.060B	0.082E	0.107E	0.137	1.46	0.451	0.227	0.121	0.050	0.150	0.186E	0.084B	16
17	0.060E	0.087E	0.110E	0.150	1.46	0.442	0.216	0.115	0.050	0.149	0.173E	0.082B	17
18	0.062E	0.090E	0.108E	0.180	1.54 A	0.582	0.218	0.111	0.048	0.143	0.162E	0.082B	18
19	0.070E	0.094A	0.105E	0.242	1.32 A	0.639	0.231	0.101	0.095	0.138	0.151E	0.083B	19
20	0.080E	0.103E	0.104E	0.363	1.04	0.587	0.255	0.115	0.091	0.132	0.155E	0.080B	20
21	0.082E	0.105E	0.104E	0.387	1.45	0.549	0.227	0.109	0.076	0.119	0.162E	0.078B	21
22	0.083E	0.096E	0.105E	0.406	1.20	0.537	0.208	0.098	0.074	0.121	0.159E	0.076B	22
23	0.087E	0.094E	0.104E	0.658	1.12	0.538	0.197	0.092	0.071	0.120	0.149E	0.074B	23
24	0.097E	0.095E	0.106E	1.03	1.07	0.497	0.265	0.082	0.079	0.123	0.140E	0.071B	24
25	0.110E	0.097E	0.108E	0.738	1.24	0.461	0.237	0.075	0.091	0.141	0.131E	0.071B	25
26	0.123E	0.105E	0.110E	0.657	1.37	0.418	0.208	0.073	0.086	0.174	0.122E	0.072B	26
27	0.121E	0.110E	0.113E	0.626	1.13	0.402	0.189	0.071	0.083	0.198	0.116E	0.071B	27
28	0.113E	0.109E	0.117E	0.624	1.02	0.390	0.174	0.068	0.090	0.313	0.110E	0.070B	28
29	0.107E		0.120E	0.733	0.967	0.369	0.184	0.086	0.081	0.299	0.103E	0.067B	29
30	0.105E		0.123E	1.25	0.935	0.371	0.205	0.112	0.080	0.257	0.102E	0.066B	30
31	0.094B		0.122E		0.989		0.231	0.092		0.260		0.064B	31
TOTAL	2.816	2.398	3.227	9.788	35.954	18.390	7.823	3.993	2.542	5.413	6.127	2.637	TOTAL
MEAN	0.091	0.086	0.104	0.326	1.16	0.613	0.252	0.129	0.085	0.175	0.204	0.085	MEAN
MAX	0.130	0.110	0.123	1.25	1.54	0.942	0.368	0.219	0.169	0.379	0.355	0.106	MAX
MIN	0.060	0.030	0.091	0.094	0.854	0.369	0.174	0.068	0.048	0.097	0.102	0.064	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.277
MAXIMUM DAILY, 1.54A ON MAY 18
MINIMUM DAILY, 0.030B ON FEB 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 58 N
LONG 119 30 13 W
DRAINAGE AREA, 52.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	243	JUL	676
FEB	207	AUG	345
MAR	279	SEP	220
APR	846	OCT	468
MAY	3 110	NOV	529
JUN	1 590	DEC	228

TOTAL DISCHARGE, 8 740 dam³

EXCHAMSIKS RIVER NEAR TERRACE - STATION NO. 08EG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.9	17.7	9.33	18.5	42.2	64.0	61.5	43.8	45.1	142	34.0E	23.2E	1
2	17.9	12.8	8.96	18.5	35.7	56.1	79.6	44.4	43.7	55.0	30.0E	24.8E	2
3	16.8	10.0	8.68	17.8	32.0	75.2	90.9	64.1	32.7	38.6	30.0E	23.5E	3
4	20.5	8.82	7.79	19.1	35.7	70.6	63.0	60.3	28.8	29.4	40.0E	21.0E	4
5	20.5	8.10	7.14	28.1	46.0	57.5	54.2	89.6	78.1	24.0	70.0E	18.6E	5
6	30.3	7.74	6.81	21.1	56.7	55.9	46.5	69.4	116	24.2	77.3A	16.5E	6
7	32.3	7.94	6.58	18.7	63.2	56.7	44.7	70.6	62.9	31.0	45.2	15.0E	7
8	24.9	7.02	6.92	17.2	62.7	43.4	44.8	77.5	150	28.9	46.3	13.5E	8
9	28.1	5.38	7.54	15.4	60.5	42.5	43.9	76.3	339	22.5	157	13.0E	9
10	32.6	5.20B	10.3	14.0	46.7	46.7	50.5	69.7	204	19.4	95.9A	15.0E	10
11	40.4	5.10B	11.8	12.5	41.9	68.8	66.9	66.0	239	18.7E	350 E	13.0E	11
12	31.6	5.00B	10.9	10.9	43.0	57.8	78.1	53.7	85.5	18.4E	150 E	12.3E	12
13	44.6	5.00B	10.6	10.4	49.0	47.8	85.3	49.5	50.1	21.0E	84.0E	15.0E	13
14	48.5	9.00B	11.4	17.2	48.8	53.8	83.4	48.3	66.3	31.0E	60.0E	29.0E	14
15	34.7	39.5	13.6	19.3	57.0	57.2	84.1	51.4	71.6	70.0E	49.0E	40.0E	15
16	29.1	29.9	16.0	21.0	71.5	51.0	87.4	48.5	58.4	62.0E	40.0E	58.0E	16
17	31.1	20.9	13.5	18.4	61.1	44.2	99.7	43.9	58.8	53.0E	37.0E	65.0E	17
18	33.4	40.2	12.5	16.3	60.6	44.0	106	44.4	72.1	45.0E	34.0E	33 0E	18
19	142	27.7	11.8	16.4	72.1	63.6	105	44.1	58.2	33.0E	34.0E	18.0E	19
20	61.5	24.0	12.1	22.4	83.7	68.0	85.5	46.3	41.0	25.0E	38.5E	12.5E	20
21	97.9	48.1	12.8	29.1	77.7	54.0	71.1	78.9	30.6	20.0E	40.0E	10.6E	21
22	91.9	50.1	12.8	25.8	67.2	49.4	60.4	70.6	36.6	18.0E	38.5E	10.2E	22
23	62.3	26.2	12.8	27.7	69.3	55.1	62.0	80.3	30.7	18.0E	35.0E	10.0E	23
24	37.8	18.5	12.6	26.8	80.6	51.5	76.5	65.6	25.1	21.0E	32.5E	10.5E	24
25	27.8	14.6	13.9	22.0	115	60.2	85.9	80.8	21.5	30.0E	29.5E	13.2E	25
26	21.8	12.8	16.1	20.1	83.1	57.9	82.9	63.5	18.4	25.5E	26.8E	12.9E	26
27	17.9	11.2	21.8	21.3	67.6	57.7	67.9	50.5	17.8	23.0E	25.4E	12.6E	27
28	15.1	10.2	51.0	23.4	60.7	55.5	58.6	44.5	22.5	21.8E	24.5E	12.1E	28
29	18.5		36.2	24.2	71.1	105	56.4	33.0	28.9	21.7E	23.5E	11.9E	29
30	16.3		25.6	38.2	85.7	87.0	55.9	33.2	192	22.5E	23.0E	11.6E	30
31	18.0		21.6		73.5		51.3	36.4		26.0E		11.3E	31
TOTAL	1 163.0	488.70	441.45	611.8	1 921.6	1 758.1	2 189.9	1 759.1	2 325.4	1 039.6	1 800.9	606.8	TOTAL
MEAN	37.5	17.5	14.2	20.4	62.0	58.6	70.6	56.7	77.5	33.5	60.0	19.6	MEAN
MAX	142	50.1	51.0	38.2	115	105	106	89.6	339	142	350	65.0	MAX
MIN	14.5	5.00	6.58	10.4	32.0	42.5	43.9	33.0	17.8	18.0	23.0	10.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.1
MAXIMUM DAILY, 350E ON NOV 11
MINIMUM DAILY, 5.00B ON FEB 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 47 N
LONG 129 18 41 W
DRAINAGE AREA, 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	100 000	JUL	189 000
FEB	42 200	AUG	152 000
MAR	38 100	SEP	201 000
APR	52 900	OCT	89 800
MAY	166 000	NOV	156 000
JUN	152 000	DEC	52 400

TOTAL DISCHARGE, 1 390 000 dam³

FALLS CREEK ABOVE B.I.D. DIVERSION - STATION NO. 08NJ163

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.06	4.39E	2.76E	1.21 E	0.206	0.037E	---	---	---	1
2	---	---	---	0.722	3.13	2.25	1.35	0.198E	0.035	---	---	---	2
3	---	---	---	0.850	2.78E	2.21E	1.28 E	0.190	0.034E	---	---	---	3
4	---	---	---	0.722	2.44E	2.17E	1.22	0.161E	0.031	---	---	---	4
5	---	---	---	0.660E	2.10	2.14	1.11 E	0.131	0.031E	---	---	---	5
6	---	---	---	0.595	1.90E	2.07E	1.01	0.127E	0.031E	---	---	---	6
7	---	---	---	0.595E	1.70	1.99E	1.00 E	0.125	0.031	---	---	---	7
8	---	---	---	0.595	1.87E	1.92	0.991	0.116E	0.031E	---	---	---	8
9	---	---	---	0.561E	2.03	2.16E	1.24 E	0.108	0.030	---	---	---	9
10	---	---	---	0.528	2.33E	2.40	1.49	0.105E	0.028E	---	---	---	10
11	---	---	---	0.521E	2.64	2.34E	1.23 E	0.102E	0.028	---	---	---	11
12	---	---	---	0.513E	2.32	2.29	0.977	0.099	0.028	---	---	---	12
13	---	---	---	0.506	3.32	2.22E	1.02 E	0.093E	0.116E	---	---	---	13
14	---	---	---	0.552E	3.54E	2.16E	1.06	0.086	0.083E	---	---	---	14
15	---	---	---	0.600E	3.74E	2.10	0.985E	0.085E	0.050E	---	---	---	15
16	---	---	---	0.646	3.96	1.87E	0.906	0.081	0.016	---	---	---	16
17	---	---	---	0.784E	4.02E	1.64	0.835E	0.074E	0.014E	---	---	---	17
18	---	---	---	0.920	4.05E	1.80	0.767E	0.064	0.012	---	---	---	18
19	---	---	---	1.21 E	4.11	1.97E	0.697	0.057E	0.018E	---	---	---	19
20	---	---	---	1.49	4.19E	2.14	0.646E	0.050	0.023E	---	---	---	20
21	---	---	---	1.83 E	4.28	2.00E	0.595	0.053	0.029E	---	---	---	21
22	---	---	---	2.18 E	4.11E	1.86	0.572E	0.051E	0.035	---	---	---	22
23	---	---	---	2.52	3.96	1.81E	0.550	0.048E	0.038E	---	---	---	23
24	---	---	---	8.47	3.91E	1.76E	0.487E	0.046	0.041	---	---	---	24
25	---	---	---	5.51	3.86	1.70	0.425E	0.045E	0.059E	---	---	---	25
26	---	---	---	4.05 E	3.71E	1.60E	0.360E	0.045	0.078E	---	---	---	26
27	---	---	---	2.56	3.56	1.49	0.296	0.042E	0.096E	---	---	---	27
28	---	---	---	3.60 E	3.34E	1.35E	0.275E	0.041	0.115E	---	---	---	28
29	---		---	4.62 E	3.13	1.21E	0.252	0.040	0.133	---	---	---	29
30	---		---	5.64	3.20E	1.06	0.235E	0.037E	0.133E	---	---	---	30
31	---		---		3.27		0.217	0.036		---	---	---	31
TOTAL	---	---	---	55.610	100.89	58.44	25.288	2.742	1.464	---	---	---	TOTAL
MEAN	---	---	---	1.85	3.25	1.95	0.816	0.088	0.049	---	---	---	MEAN
MAX	---	---	---	8.47	4.39	2.76	1.49	0.206	0.133	---	---	---	MAX
MIN	---	---	---	0.506	1.70	1.06	0.217	0.036	0.012	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.47 ON APR 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 29 14 N
LONG 117 29 52 W
DRAINAGE AREA, 32.8 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 180
FEB	---	AUG	237
MAR	---	SEP	126
APR	4 800	OCT	---
MAY	8 720	NOV	---
JUN	5 050	DEC	---

FANTAIL LAKE NEAR ATLIN - STATION NO. 09AA016

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.348	0.325	---	---	1.581	1.683	1.588	---	---	---	1
2	---	---	0.341	0.323	---	---	1.631	1.637	1.491	---	---	---	2
3	---	---	0.346	0.327	---	---	1.667	1.619	1.399	---	---	---	3
4	---	---	0.338	0.326	---	---	1.647	1.670	1.343	---	---	---	4
5	---	---	0.341	0.327	---	---	1.579	1.725	1.332	---	---	---	5
6	---	---	0.342	0.324	---	---	1.506	1.820	1.352	0.876A	---	---	6
7	---	---	0.343	0.323	---	---	1.473	1.943	1.561	0.858A	---	---	7
8	---	---	0.345	0.324	---	---	1.459	1.965	2.001	0.850A	---	---	8
9	---	---	0.344	0.324	---	---	1.440	1.991	2.168	0.832A	---	---	9
10	---	0.394A	0.343	0.319	---	1.342A	1.442	1.968	2.043	0.821A	---	---	10
11	---	0.381	0.339	0.318	---	1.335	1.502	1.858	1.946	---	---	---	11
12	---	0.377	0.335	0.316	---	1.373	1.589	1.749	1.864	---	---	---	12
13	---	0.375	0.337	0.318	---	1.430	1.645	1.664	1.696	---	---	---	13
14	---	0.384	0.338	0.320	---	1.512	1.680	1.647	1.575	---	---	---	14
15	---	0.394	0.343	0.322	---	1.588	1.717	1.643	1.511	---	---	---	15
16	---	0.390	0.335	0.318	---	1.597	1.760	1.619	1.456	---	---	---	16
17	---	0.385	0.325	0.319	---	1.601	1.844	1.593	1.402	---	---	0.485A	17
18	---	0.387	0.330	0.315	---	1.622	1.940	1.547	1.399	---	---	---	18
19	---	0.381	0.332	0.311	---	1.641	1.986	1.498	1.395	---	---	---	19
20	---	0.374	0.330	0.313	---	1.658	1.944	1.488	1.335	---	---	---	20
21	---	0.377	0.330	0.308	---	1.683	1.885	1.574	1.274	---	---	---	21
22	---	0.376	0.338	0.309	---	1.702	1.847	1.639	1.214	---	---	---	22
23	---	0.370	0.338	0.308	---	1.712	1.829	1.577	1.166	---	---	---	23
24	---	0.367	0.332	0.309	---	1.732	1.802	1.491	1.128	---	---	---	24
25	---	0.363	0.328	0.309	---	1.696	1.789	1.445	1.094	---	---	---	25
26	---	0.356	0.331	0.316	---	1.657	1.825	1.462	1.062	---	---	---	26
27	---	0.357	0.338	0.318	---	1.639	1.827	1.520	1.033	---	---	---	27
28	---	0.352	0.335	0.323	---	1.625	1.792	1.564	1.007	---	---	---	28
29	---		0.331	0.330A	---	1.599	1.774	1.635	0.994A	---	---	---	29
30	---		0.327	---	---	1.568	1.746	1.666	0.980E	---	---	---	30
31	---		0.329		---		1.719	1.640		---		---	31
MEAN	---	---	0.337	---	---	---	1.705	1.663	1.427	---	---	---	MEAN
MAX	---	---	0.348	---	---	---	1.986	1.991	2.168	---	---	---	MAX
MIN	---	---	0.325	---	---	---	1.440	1.445	0.980	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.168 ON SEP 9

MAXIMUM INSTANTANEOUS,
2.215 AT 20:40 PST ON SEP 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 39 N
LONG 134 24 03 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

FANTAIL RIVER AT OUTLET OF FANTAIL LAKE - STATION NO. 09AA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	2.85B	2.09B	1.86B	1.61B	69.0E	61.0	73.3	61.9	15.0 E	13.8 E	4.75B	1
2	3.51B	2.74B	2.04B	1.90B	1.60B	63.0E	67.0	67.7	51.5	14.3 E	12.2 E	4.80B	2
3	3.50B	2.60B	2.01B	1.87B	1.61B	60.0E	71.3	65.6	43.1	13.5 E	11.4 E	4.85B	3
4	3.51B	2.52B	1.99B	1.85B	1.63B	56.0E	69.0	71.8	38.4	12.9 E	10.7 E	4.78B	4
5	3.52B	2.50B	1.95B	1.85B	1.69B	52.0E	60.9	78.4	37.4	12.2 E	10.0 E	4.67B	5
6	3.54B	2.48B	1.92B	1.81B	1.78B	49.0E	52.9	91.1	39.1	11.6 A	9.45E	4.45B	6
7	3.59B	2.50B	1.90B	1.79B	1.92B	45.0E	49.6	109	59.7	11.0 A	8.80E	4.15B	7
8	3.63B	2.45B	1.92B	1.78B	2.08B	42.0E	48.3	112	118	10.7 A	8.85E	4.00B	8
9	3.70B	2.35B	1.93B	1.76B	2.55B	40.0E	46.5	116	144	10.1 A	8.90E	3.86B	9
10	3.80B	2.29B	1.93B	1.72B	3.90B	38.3A	46.7	112	124	9.80A	8.30E	3.78B	10
11	3.82B	2.22B	1.94B	1.70B	10.2 E	37.7	52.5	96.2	109	9.50E	7.90E	3.66B	11
12	3.80B	2.15B	1.97B	1.68B	56.0 E	40.8	62.0	81.5	97.2	9.20E	7.75E	3.57B	12
13	3.79B	2.18B	2.00B	1.66B	53.0 E	45.7	68.7	71.0	75.0	9.10E	7.50B	3.45B	13
14	3.77B	2.20B	2.05B	1.65B	48.0 E	53.5	72.9	68.9	60.4	9.00E	7.45B	3.35B	14
15	3.75B	2.26B	2.10B	1.66B	45.0 E	61.8	77.4	68.4	53.3	8.90E	7.30B	3.30B	15
16	3.82B	2.30B	2.08B	1.68B	52.0 E	62.9	82.8	65.6	48.0	10.2 E	7.15B	3.28B	16
17	3.86B	2.35B	2.05B	1.69B	47.0 E	63.3	94.2	62.5	43.2	15.5 E	6.90B	3.34B	17
18	3.90B	2.38B	2.02B	1.70B	49.0 E	65.9	108	57.3	43.0	37.5 E	6.75B	3.42B	18
19	3.97B	2.35B	2.01B	1.73B	53.0 E	68.3	115	51.9	42.7	34.5 E	6.50B	3.40B	19
20	4.02B	2.32B	2.00B	1.75B	60.0 E	70.3	109	51.0	37.7	29.5 E	6.30B	3.35B	20
21	4.08B	2.29B	1.98B	1.77B	55.0 E	73.4	100	60.4	32.9	25.0 E	6.05B	3.30B	21
22	4.18B	2.27B	1.96B	1.76B	50.0 E	75.6	94.5	68.0	28.8	20.5 E	5.90B	3.25B	22
23	4.05B	2.25B	1.94B	1.75B	46.0 E	76.8	92.2	60.6	25.7	17.5 E	5.70B	3.21B	23
24	3.90B	2.23B	1.91B	1.73B	51.0 E	79.2	88.4	51.3	23.5	14.5 E	5.50B	3.19B	24
25	3.70B	2.20B	1.90B	1.71B	57.0 E	74.9	86.6	47.0	21.5	12.8 E	5.30B	3.15B	25
26	3.60B	2.19B	1.89B	1.70B	64.0 E	70.2	91.5	48.6	19.9	11.7 E	5.10B	3.03B	26
27	3.38B	2.18B	1.87B	1.69B	70.0 E	68.0	91.8	54.3	18.4	13.2 E	4.95B	2.97B	27
28	3.30B	2.14B	1.86B	1.65B	67.0 E	66.3	86.9	59.1	17.1	15.0 E	4.80B	2.90B	28
29	3.12B		1.82B	1.62B	66.0 E	63.2	84.6	67.5	16.5A	18.6 E	4.75B	2.87B	29
30	3.09B		1.80B	1.61B	68.0 E	59.6	81.1	71.2	15.9E	17.1 E	4.70B	2.82B	30
31	2.95B		1.82B		73.0 E		77.6	68.1		15.0 E		2.78B	31
TOTAL	113.65	65.74	60.65	52.08	1 160.57	1 791.7	2 390.9	2 227.3	1 546.8	474.90	226.65	111.68	TOTAL
MEAN	3.67	2.35	1.96	1.74	37.4	59.7	77.1	71.8	51.6	15.3	7.56	3.60	MEAN
MAX	4.18	2.85	2.10	1.90	73.0	79.2	115	116	144	37.5	13.8	4.85	MAX
MIN	2.95	2.14	1.80	1.61	1.60	37.7	46.5	47.0	15.9	8.90	4.70	2.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 144 ON SEP 9
MINIMUM DAILY, 1.60B ON MAY 2
MAXIMUM INSTANTANEOUS,
150 AT 20:40 PST ON SEP 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 40 N
LONG 134 23 26 W
DRAINAGE AREA, 717 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 820	JUL	207 000
FEB	5 680	AUG	192 000
MAR	5 240	SEP	134 000
APR	4 500	OCT	41 000
MAY	100 000	NOV	19 600
JUN	155 000	DEC	9 650

TOTAL DISCHARGE, 883 000 dam³

FELL CREEK NEAR NELSON - STATION NO. 08NJ129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024	0.022	0.024	0.052	0.269	0.393	0.187	0.052	0.029	0.024	0.031	0.024	1
2	0.023	0.020	0.024	0.049	0.240	0.393	0.167E	0.052	0.024	0.034	0.026	0.022	2
3	0.020	0.020	0.024	0.047	0.200	0.393	0.146	0.047	0.022	0.022	0.026	0.024	3
4	0.020	0.019	0.024	0.045	0.178	0.334	0.146	0.047	0.029	0.020	0.024	0.022	4
5	0.019	0.019	0.024	0.045	0.170	0.334E	0.174	0.044	0.022	0.020	0.022	0.022	5
6	0.019	0.018	0.024	0.041	0.146	0.334	0.214	0.041	0.018	0.041	0.024	0.029	6
7	0.019	0.018	0.024	0.039	0.130	0.284	0.191	0.041	0.018	0.044	0.023E	0.024	7
8	0.018	0.017	0.023	0.038	0.118	0.264	0.166	0.039	0.018	0.041	0.022	0.024	8
9	0.018	0.017	0.023	0.037	0.122	0.274	0.157	0.039	0.016	0.036	0.020	0.024	9
10	0.017	0.016	0.022	0.036	0.122	0.279	0.146	0.036	0.016	0.031	0.020	0.041	10
11	0.017	0.017	0.022	0.036	0.134	0.255	0.142	0.034	0.016	0.026	0.020	0.034	11
12	0.016	0.016	0.023	0.034	0.153	0.255	0.134	0.034	0.015E	0.024	0.029	0.029	12
13	0.016	0.016	0.023	0.032	0.130	0.314	0.133E	0.031	0.014	0.024	0.026	0.029	13
14	0.016	0.016	0.025E	0.032	0.170	0.264	0.130	0.031	0.014	0.022	0.031	0.029	14
15	0.016	0.016	0.027	0.032	0.240	0.255	0.122	0.029	0.014	0.022	0.026	0.030	15
16	0.016	0.016	0.034	0.035	0.227	0.245	0.111	0.034	0.014	0.024	0.029	0.031	16
17	0.015	0.020	0.034	0.036	0.236	0.231	0.108	0.026	0.014	0.020	0.029	0.030	17
18	0.015	0.028	0.033	0.041	0.218	0.218	0.101	0.026	0.012	0.020	0.029	0.029	18
19	0.015	0.036	0.033	0.047	0.240	0.240	0.104	0.024	0.029	0.020	0.026	0.029	19
20	0.015	0.032	0.033	0.055	0.324	0.264	0.101	0.036	0.016	0.020	0.026E	0.027	20
21	0.015	0.027	0.032	0.064	0.314	0.245	0.097	0.031E	0.024	0.018	0.026	0.027	21
22	0.016	0.025	0.024	0.074	0.355	0.255	0.090	0.026	0.020	0.018	0.031	0.025	22
23	0.019	0.025	0.039	0.108	0.366	0.260	0.087	0.024	0.016	0.018	0.026	0.025	23
24	0.027	0.027	0.038	0.191	0.409	0.245	0.080	0.022	0.016	0.020	0.029	0.025	24
25	0.024	0.028	0.043	0.161	0.471	0.236	0.074	0.022	0.016	0.018	0.026	0.025	25
26	0.023	0.027	0.044	0.146	0.398	0.222	0.055	0.022	0.016	0.020	0.024	0.024	26
27	0.022	0.026	0.043	0.134	0.404	0.214	0.064	0.022	0.016	0.029	0.020	0.024	27
28	0.021	0.025	0.043	0.130	0.355	0.191	0.061	0.022	0.029	0.052	0.024	0.024	28
29	0.021		0.049	0.130	0.340	0.214	0.058	0.022	0.050	0.031	0.026	0.024	29
30	0.020		0.049	0.153	0.345	0.183	0.058	0.022	0.029	0.028E	0.024	0.024	30
31	0.020		0.049		0.409		0.057E	0.022		0.026		0.023	31
TOTAL	0.582	0.609	0.976	2.100	7.933	8.088	3.661	1.000	0.602	0.813	0.765	0.823	TOTAL
MEAN	0.019	0.022	0.031	0.070	0.256	0.270	0.118	0.032	0.020	0.026	0.026	0.027	MEAN
MAX	0.027	0.036	0.049	0.191	0.471	0.393	0.214	0.052	0.050	0.052	0.031	0.041	MAX
MIN	0.015	0.016	0.022	0.032	0.118	0.183	0.055	0.022	0.012	0.018	0.020	0.022	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 0.471 ON MAY 25
MINIMUM DAILY, 0.012 ON SEP 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 12 N
LONG 117 15 37 W
DRAINAGE AREA, 4.40 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50.3	JUL	316
FEB	52.6	AUG	86.4
MAR	84.3	SEP	52.0
APR	181	OCT	70.2
MAY	685	NOV	66.1
JUN	699	DEC	71.1

TOTAL DISCHARGE, 2 410 dam³

FIFTYNINE CREEK NEAR CLINTON - STATION NO. 08LF080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082	0.051B	0.056	0.063	0.070	0.056	0.056	0.020	0.044	0.053	0.041	0.053	1
2	0.071	0.051B	0.056	0.063	0.070	0.056	0.056	0.020	0.057E	0.053	0.041	0.053	2
3	0.071	0.051B	0.056	0.063	0.070	0.056	0.048	0.017	0.057E	0.053	0.041	0.053	3
4	0.062	0.051B	0.056	0.063	0.070	0.063	0.044	0.017	0.057E	0.053	0.041	0.053	4
5	0.062	0.051B	0.056	0.063	0.078	0.063	0.044	0.028	0.057E	0.060	0.041	0.045	5
6	0.062	0.051B	0.056	0.063	0.078	0.070	0.044	0.028	0.057E	0.060	0.041	0.045	6
7	0.057	0.051B	0.063	0.063	0.078	0.070	0.044	0.032	0.057E	0.075	0.041	0.045	7
8	0.057	0.051B	0.063	0.063	0.070	0.070	0.044	0.032	0.048E	0.075	0.041	0.041	8
9	0.057	0.057B	0.063	0.063	0.070	0.070	0.044	0.032	0.048E	0.075	0.041	0.045	9
10	0.057	0.071B	0.063	0.063	0.070	0.063	0.044	0.032	0.042E	0.082	0.041	0.041	10
11	0.057	0.085B	0.063	0.063	0.063	0.056	0.044	0.032	0.042E	0.082	0.037	0.037	11
12	0.057	0.091B	0.063	0.063	0.070	0.048	0.040	0.032	0.045E	0.075	0.053	0.037	12
13	0.057	0.091B	0.063	0.063	0.070	0.048	0.040	0.032	0.048E	0.075	0.067	0.034B	13
14	0.057	0.091B	0.063	0.056	0.070	0.048	0.036	0.032	0.048E	0.075	0.067	0.034B	14
15	0.057	0.091B	0.063	0.056	0.078	0.048	0.036	0.032	0.048E	0.075	0.067	0.031B	15
16	0.057	0.088B	0.063	0.056	0.078	0.048	0.032	0.036	0.045E	0.075	0.067	0.031B	16
17	0.057	0.088B	0.063	0.056	0.078	0.048	0.036	0.036	0.042E	0.075	0.067	0.031B	17
18	0.057	0.088B	0.063	0.056	0.078	0.048	0.036	0.036	0.042E	0.075	0.067	0.031B	18
19	0.057	0.088B	0.063	0.056	0.078	0.056	0.040	0.036	0.045	0.082	0.067	0.034B	19
20	0.062	0.085B	0.063	0.056	0.085	0.056	0.048	0.036	0.060	0.082	0.067	0.034B	20
21	0.071	0.085B	0.063	0.056	0.085	0.048	0.036	0.036	0.060	0.075	0.067	0.034B	21
22	0.062	0.082B	0.063	0.056	0.085	0.063	0.036	0.036	0.060	0.075	0.067	0.034B	22
23	0.062	0.078	0.056	0.056	0.092	0.063	0.025	0.032	0.067	0.075	0.067	0.034B	23
24	0.057	0.078	0.056	0.063	0.092	0.063	0.020	0.032	0.067	0.075	0.067	0.031B	24
25	0.057	0.070	0.056	0.063	0.100	0.063	0.020	0.028	0.075	0.075	0.060	0.031B	25
26	0.051	0.070	0.056	0.063	0.092	0.063	0.020	0.028	0.075	0.067	0.053	0.031B	26
27	0.051	0.056	0.056	0.063	0.092	0.063	0.020	0.032	0.037	0.060	0.053	0.031B	27
28	0.051	0.056	0.056	0.070	0.092	0.056	0.020	0.036	0.029	0.060	0.053	0.031B	28
29	0.051		0.063	0.070	0.092	0.056	0.020	0.036	0.029	0.060	0.053	0.028B	29
30	0.051		0.070	0.070	0.078	0.056	0.020	0.036	0.025	0.045	0.053	0.028B	30
31	0.051		0.063		0.070		0.020	0.036		0.041		0.028B	31
TOTAL	1.828	1.997	1.876	1.841	2.442	1.735	1.113	0.966	1.513	2.118	1.629	1.149	TOTAL
MEAN	0.059	0.071	0.061	0.061	0.079	0.058	0.036	0.031	0.050	0.068	0.054	0.037	MEAN
MAX	0.082	0.091	0.070	0.070	0.100	0.070	0.056	0.036	0.075	0.082	0.067	0.053	MAX
MIN	0.051	0.051	0.056	0.056	0.063	0.048	0.020	0.017	0.025	0.041	0.037	0.028	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 0.100 ON MAY 25
MINIMUM DAILY, 0.017 ON AUG 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 15 30 N
LONG 121 40 52 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158	JUL	96.2
FEB	173	AUG	83.5
MAR	162	SEP	131
APR	159	OCT	183
MAY	211	NOV	141
JUN	150	DEC	99.3

TOTAL DISCHARGE, 1 750 dam³

FINLAY RIVER ABOVE AXIE RIVER - STATION NO. 07EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	90.0B	60.5B	47.0B	46.0B	88.0B	1 800	844	412	393A	172E	137 E	78.0B	1
2	88.0B	60.0B	47.0B	46.0B	92.0B	1 750	837	390	309A	173A	129 E	76.0B	2
3	85.0B	59.5B	47.0B	46.0B	95.0B	1 610	880	372	227A	169A	128 E	79.0B	3
4	82.0B	59.0B	46.8B	46.0B	95.6	1 460	868	364	203A	163A	131 E	79.0B	4
5	80.0B	58.5B	46.5B	46.0B	97.2	1 330	790	353	230A	156A	136 E	79.0B	5
6	79.0B	58.0B	45.8B	46.0B	99.3	1 220	721	348	219A	153A	135 E	79.0B	6
7	78.0B	57.5B	45.0B	45.9B	104	1 130	670	343	183A	152E	134 E	79.0B	7
8	77.0B	56.5B	44.2B	45.7B	115	1 030	621	334	193A	150E	127 B	79.0B	8
9	76.5B	55.0B	44.4B	45.5B	132	930	570	327	241A	148E	121 B	78.0B	9
10	75.8B	53.0B	45.0B	45.5B	154	873	532	322	242A	146E	120 B	77.0B	10
11	75.0B	51.5B	45.2B	45.0B	167	839	539	314	297A	143E	121 B	75.0B	11
12	74.0B	50.5B	45.7B	44.2B	190	834	607	301	283A	138E	122 B	74.0B	12
13	73.0B	49.5B	45.9B	44.0B	225	860	676	287	266A	139E	122 B	73.0B	13
14	72.0B	49.0B	46.2B	44.0B	255	885	706	271	250A	140E	119 B	73.0B	14
15	71.0B	48.5B	47.2B	44.2B	289	903	699	260	241A	155E	104 B	72.0B	15
16	69.0B	48.0B	47.5B	45.0B	332	911	685	252	228A	177E	94.0B	72.0B	16
17	68.2B	48.0B	47.5B	45.5B	380	904	694	242	224A	176E	88.0B	72.0B	17
18	68.2B	48.0B	47.5B	46.0B	453	889	704	231	224A	173E	85.0B	72.0B	18
19	68.2B	48.0B	47.5B	47.0B	550	877	717	223	226A	170E	84.0B	72.0B	19
20	68.2B	48.0B	47.0B	47.5B	655	872	742	220	228A	168E	84.0B	72 0B	20
21	67.9B	48.0B	46.5B	49.0B	770	873	719	216	219A	160E	83.0B	72.0B	21
22	67.0B	47.5B	46.0B	50.0B	932	875	685	210	209A	155E	82.0B	72.0B	22
23	66.0B	47.5B	46.0B	51.0B	1 110	880	636	206	201A	155E	81.0B	72.0B	23
24	65.0B	47.5B	46.0B	53.0B	1 160	907	581	205	196A	158E	80.0B	71.0B	24
25	64.0B	47.0B	46.0B	58.0B	1 200	944	552	214	190A	159E	79.0B	71.0B	25
26	63.7B	47.0B	46.0B	67.0B	1 350	941	538	238	184A	162E	79.0B	71.0B	26
27	63.0B	46.8B	46.0B	73.0B	1 650	904	526	274	173E	161E	78.0B	71.0B	27
28	62.5B	46.5B	46.0B	77.0B	1 940	862	503	431	168E	157E	78.0B	69.0B	28
29	62.0B		46.0B	81.0B	1 770	830	477	471	167E	153E	78.0B	68.0B	29
30	61.5B		46.0B	85.0B	1 710	848	452	410	168E	150E	78.0B	67.0B	30
31	61.0B		46.0B		1 770		430	477A		147E		66.0B	31
TOTAL	2 221.7	1 444.3	1 432.4	1 555.0	19 930.1	30 771	20 201	9 518	6 782	4 878	3 117.0	2 282.0	TOTAL
MEAN	71.7	51.6	46.2	51.8	643	1 030	652	307	226	157	104	73.6	MEAN
MAX	90.0	60.5	47.5	85.0	1 940	1 800	880	477	393	177	137	79.0	MAX
MIN	61.0	46.5	44.2	44.0	88.0	830	430	205	167	138	78.0	66.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 285
MAXIMUM DAILY, 1 940 ON MAY 28
MINIMUM DAILY, 44.0B ON APR 13
MAXIMUM INSTANTANEOUS,
2 010 AT 10:20 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 40 N
LONG 125 15 00 W
DRAINAGE AREA, 16 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	192 000	JUL	1 750 000
FEB	125 000	AUG	822 000
MAR	124 000	SEP	586 000
APR	134 000	OCT	421 000
MAY	1 720 000	NOV	269 000
JUN	2 660 000	DEC	197 000

TOTAL DISCHARGE, 9 000 000 dam³

FINLAY RIVER AT WARE - STATION NO. 07EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	76.5B	44.5B	31.7B	30.5B	60.0B	1 510	624	294	280E	124	98.7	56.0B	1
2	70.0B	44.0B	31.7B	30.5B	62.0B	1 370	635	281	210E	129	92.3	56.2B	2
3	65.0B	43.5B	31.7B	30.5B	64.0B	1 260	658	268	158E	123	90.7	56.3B	3
4	63.5B	43.0B	31.7B	30.4B	66.5E	1 160	643	268	148E	120	96.8	57.0B	4
5	61.5B	42.5B	31.5B	30.4B	67.0E	1 070	592	255E	163E	114	96.0	57.0B	5
6	60.0B	41.5B	31.0B	30.4B	68.0E	978	545	250E	155E	110	97.6	56.8B	6
7	59.0B	41.0B	31.0B	30.3B	70.0E	896	508	248E	133E	110	96.1	56.5B	7
8	58.0B	40.0B	31.0B	30.3B	75.0E	816	471	240E	140E	109	88.0B	56.2B	8
9	57.0B	38.0B	31.0B	30.3B	91.0E	744	433	235E	170E	107	86.2B	55.7B	9
10	56.5B	36.5B	31.0B	30.3B	102 E	701	417	232E	172E	105	86.0B	55.0B	10
11	55.5B	35.0B	31.0B	30.0B	113 E	680	431	228E	210E	104	86.2B	54.0B	11
12	55.0B	34.0B	31.0B	29.8B	130 E	681	481	215E	204E	100	87.0B	53 0B	12
13	54.5B	33.5B	31.0B	29.7B	150 E	694	527	204E	193E	98.1	87.5B	52.5B	13
14	54.0B	33.2B	31.2B	29.8B	170 E	716	536	195E	181E	98.3	85.0B	52.2B	14
15	53.7B	33.0B	31.8B	30.0B	190 E	726	523	188E	173E	106	80.5B	52.0B	15
16	53.0B	32.9B	31.9B	30.2B	223 E	723	514	180E	163A	125	69.0B	51.8B	16
17	52.5B	32.8B	31.9B	30.5B	250 E	712	520	173E	158	129	63.0B	51.8B	17
18	52.0B	32.7B	31.9B	31.0B	295 E	694	520	168E	156	125	61.5B	51.9B	18
19	51.5B	32.5B	31.9B	31.5B	345 E	682	526	162E	158	122	60.5B	51.9B	19
20	50.9B	32.5B	31.5B	32.0B	415 E	678	532	158E	159	121	60.0B	51.9B	20
21	50.2B	32.5B	31.2B	32.7B	500 E	671	500	153E	155	115	59.9B	52.0B	21
22	50.0B	32.5B	31.0B	33.5B	600 E	672	464	150E	149	111	59.5B	52.0B	22
23	49.8B	32.2B	30.5B	34.8B	700 E	677	431	149E	145	111	58.0B	52.0B	23
24	49.5B	32.0B	30.5B	36.5B	800 E	702	400	148E	140	111	57.3B	51.5B	24
25	49.0B	31.8B	30.5B	41.5B	1 000 E	715	386	152E	136	114	57.0B	51.0B	25
26	48.0B	31.7B	30.5B	47.0B	1 250 E	704	382	170E	131	118	56.5B	50.8B	26
27	47.5B	31.7B	30.5B	50.0B	1 470 E	672	371	198E	126	116	56.2B	50.2B	27
28	47.0B	31.7B	30.5B	53.0B	1 520 A	639	354	250E	123	114	56.0B	50.0B	28
29	46.5B		30.5B	55.5B	1 450 A	619	337	333E	121	111	55.9B	49.5B	29
30	45.5B		30.5B	57.5B	1 420		638	321	295E	119	108	55.9B	49.0B	30
31	45.0B		30.5B		1 500			303	340E		106		47.5B	31
TOTAL	1 687.6	1 002.7	965.1	1 050.4	15 216.5	24 200	14 885	6 780	4 829	3 514.4	2 240.8	1 641.2	TOTAL
MEAN	54.4	35.8	31.1	35.0	491	807	480	219	161	113	74.7	52.9	MEAN
MAX	76.5	44.5	31.9	57.5	1 520	1 510	658	340	280	129	98.7	57.0	MAX
MIN	45.0	31.7	30.5	29.7	60.0	619	303	148	119	98.1	55.9	47.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 214
MAXIMUM DAILY, 1 520A ON MAY 28
MINIMUM DAILY, 29.7B ON APR 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 25 15 N
LONG 125 37 35 W
DRAINAGE AREA, 11 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	146 000	JUL	1 290 000
FEB	86 600	AUG	586 000
MAR	83 400	SEP	417 000
APR	90 800	OCT	304 000
MAY	1 310 000	NOV	194 000
JUN	2 090 000	DEC	142 000

TOTAL DISCHARGE, 6 740 000 dam³

FISHER CREEK AT WEST BOUNDARY D.L. 3599 - STATION NO. 08LD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.934	0.845	0.261	0.159	0.235	---	---	---	1
2	---	---	---	---	0.934	0.666	0.222	0.146	0.197	---	---	---	2
3	---	---	---	---	0.711	0.532	0.210	0.133	0.184	---	---	---	3
4	---	---	---	---	0.711	0.442	0.184	0.118	0.197	---	---	---	4
5	---	---	---	---	0.755	0.374	0.159	0.103	0.184	---	---	---	5
6	---	---	---	---	0.621	0.487	0.133	0.095	0.133	---	---	---	6
7	---	---	---	---	0.532	0.396	0.171	0.087	0.103	---	---	---	7
8	---	---	---	---	0.577	0.328	0.133	0.080	0.095	---	---	---	8
9	---	---	---	---	0.800	0.306	0.118	0.080	0.080	---	---	---	9
10	---	---	---	---	0.934	0.261	0.110	0.072	0.080	---	---	---	10
11	---	---	---	---	0.845	0.222	0.110	0.064	0.080	---	---	---	11
12	---	---	---	---	0.845	0.222	0.103	0.064	0.080	---	---	---	12
13	---	---	---	---	0.845	0.222	0.110	0.054	0.064	---	---	---	13
14	---	---	---	---	0.934	0.235	0.133	0.054	0.064	---	---	---	14
15	---	---	---	---	0.934	0.235	0.125	0.051	0.057	---	---	---	15
16	---	---	---	---	1.11	0.283	0.110	0.035	0.057	---	---	---	16
17	---	---	---	---	1.20	0.283	0.110	0.035	0.054	---	---	---	17
18	---	---	---	---	1.16	0.306	0.087	0.029	0.054	---	---	---	18
19	---	---	---	---	1.25	0.396	0.087	0.029	0.095	---	---	---	19
20	---	---	---	---	1.29	0.419	0.103	0.054	0.072	---	---	---	20
21	---	---	---	---	1.07	0.442	0.133	0.064	0.057	---	---	---	21
22	---	---	---	---	1.07	0.351	0.110	0.051	0.061E	---	---	---	22
23	---	---	---	0.396	0.934	0.464	0.125	0.044	0.064	---	---	---	23
24	---	---	---	0.666	0.934	0.487	0.133	0.035	0.072	---	---	---	24
25	---	---	---	0.577	1.02	0.419	0.103	0.029	0.072	---	---	---	25
26	---	---	---	0.464	1.34	0.328	0.095	0.029	0.072	---	---	---	26
27	---	---	---	0.419	1.07	0.328	0.103	0.026	0.064	---	---	---	27
28	---	---	---	0.442	0.755	0.328	0.110	0.026	0.110	---	---	---	28
29	---		---	0.487	0.666	0.261	0.118	0.032	0.103	---	---	---	29
30	---		---	0.621	0.890	0.248	0.133	0.051	0.146	---	---	---	30
31	---		---		1.56		0.133	0.133		---		---	31
TOTAL	---	---	---	---	29.231	11.116	4.075	2.062	2.986	---	---	---	TOTAL
MEAN	---	---	---	---	0.943	0.371	0.131	0.067	0.100	---	---	---	MEAN
MAX	---	---	---	---	1.56	0.845	0.261	0.159	0.235	---	---	---	MAX
MIN	---	---	---	---	0.532	0.222	0.087	0.026	0.054	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.56 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 25 32 N
LONG 119 28 04 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	352
FEB	---	AUG	178
MAR	---	SEP	258
APR	---	OCT	---
MAY	2 530	NOV	---
JUN	960	DEC	---

FISHTRAP CREEK NEAR MCLURE - STATION NO. 08LB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.226	0.193E	0.181E	0.255	3.67	1.62	1.23	1.05	0.361	0.328	0.581	0.468	1
2	0.203	0.188E	0.176E	0.259	3.22	1.50	1.13	0.922	0.456	0.340	0.583	0.466	2
3	0.207	0.184E	0.170E	0.260	2.77	1.41	1.05	0.830	0.398	0.339	0.555	0.438	3
4	0.213	0.176E	0.159E	0.261	2.69	1.31	0.969	0.775	0.384	0.327	0.534	0.455	4
5	0.202	0.170E	0.173E	0.271	2.55	1.24	0.892	0.733	0.392	0.319	0.506	0.450	5
6	0.201	0.164E	0.179A	0.278	2.37	1.18	0.839	0.677	0.363	0.365	0.483	0.442	6
7	0.201	0.161E	0.171	0.282	2.32	1.10	0.925	0.624	0.334	1.36	0.472	0.432	7
8	0.198	0.159E	0.169	0.287	2.33	1.06	0.897	0.582	0.309	1.28	0.467	0.411	8
9	0.197	0.157E	0.168	0.288	2.54	1.15	0.829	0.538	0.293	1.13	0.460	0.431	9
10	0.194	0.150E	0.164	0.285	2.77	1.24	0.770	0.504	0.276	1.04	0.447	0.426	10
11	0.190	0.144E	0.165	0.287	3.03	1.20	0.720	0.479	0.264	0.916	0.447	0.411	11
12	0.184	0.136E	0.163	0.295	3.13	1.17	0.678	0.446	0.251	0.819	0.548	0.351	12
13	0.181	0.127E	0.162	0.294	3.05	1.12	0.639	0.420	0.238	0.740	0.551	0.374	13
14	0.175	0.116E	0.166	0.290	3.05	1.10	0.608	0.410	0.229	0.697	0.573	0.406	14
15	0.172	0.142E	0.168	0.291	2.99	1.09	0.626	0.388	0.217	0.670	0.603	0.392	15
16	0.158	0.170E	0.182	0.300	2.89	1.04	0.659	0.370	0.208	0.649	0.611	0.372	16
17	0.153	0.207E	0.182	0.308	2.83	1.08	0.621	0.352	0.202	0.626	0.578	0.364	17
18	0.170	0.215E	0.179	0.333	2.68	1.26	0.684	0.341	0.195	0.592	0.573	0.362	18
19	0.162	0.212E	0.178	0.382	2.63	1.45	0.631	0.323	0.243	0.573	0.560	0.375	19
20	0.157	0.212E	0.178	0.458	2.59	1.41	0.863A	0.331	0.252	0.545	0.560	0.375	20
21	0.160	0.210E	0.180	0.535	2.51	1.46	1.11 E	0.348	0.259	0.522	0.583	0.366	21
22	0.182	0.207E	0.184	0.640	2.41	1.53	0.878E	0.325	0.256	0.489	0.570	0.348	22
23	0.206	0.204E	0.186	0.862	2.23	1.74	0.770E	0.301	0.239	0.474	0.564	0.342	23
24	0.222	0.190E	0.184	1.42	2.06	1.58	0.793E	0.283	0.234	0.484	0.552	0.343	24
25	0.226	0.193E	0.199	1.61	2.11	1.43	0.759E	0.271	0.231	0.485	0.473	0.340E	25
26	0.224	0.193E	0.209	1.54	2.35	1.27	0.694E	0.258	0.221	0.482	0.549	0.337E	26
27	0.221	0.190E	0.213	1.46	2.09	1.17	0.739E	0.244	0.231	0.474	0.485	0.334E	27
28	0.218	0.184E	0.221	1.43	1.90	1.10	0.751A	0.235	0.276	0.526	0.473	0.334E	28
29	0.215		0.238	1.68	1.74	1.03	0.769	0.271	0.260	0.573	0.489	0.331E	29
30	0.210		0.250	2.36	1.69	1.06	0.812	0.311	0.273	0.551	0.463	0.326E	30
31	0.199A		0.254		1.73		1.07	0.279		0.540		0.323E	31
TOTAL	6.027	4.954	5.751	19.501	78.92	38.10	25.405	14.221	8.345	19.251	15.893	11.925	TOTAL
MEAN	0.194	0.177	0.186	0.650	2.55	1.27	0.820	0.459	0.278	0.621	0.530	0.385	MEAN
MAX	0.226	0.215	0.254	2.36	3.67	1.74	1.23	1.05	0.456	1.36	0.611	0.468	MAX
MIN	0.153	0.116	0.159	0.255	1.69	1.03	0.608	0.235	0.195	0.319	0.447	0.323	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.680
MAXIMUM DAILY, 3.67 ON MAY 1
MINIMUM DAILY, 0.116E ON FEB 14
MAXIMUM INSTANTANEOUS,
3.78 AT 23:19 PST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 25 N
LONG 120 12 40 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	521	JUL	2 190
FEB	428	AUG	1 230
MAR	497	SEP	721
APR	1 680	OCT	1 660
MAY	6 820	NOV	1 370
JUN	3 290	DEC	1 030

TOTAL DISCHARGE, 21 400 dam³

FLATHEAD RIVER AT FLATHEAD - STATION NO. 08NP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.1	8.07	6.37	11.1	136	111	61.2	17.8	9.03	6.71	5.27	5.58B	1
2	24.1	7.82	6.37	10.7	176	92.9	55.5	16.9	11.1	7.08	5.21	5.38B	2
3	22.3	7.67	6.60	10.3	131	94.3	51.3	16.3	9.37	8.58	5.18	5.10B	3
4	22.5	6.97	6.29	10.2	94.3	103	49.3	15.6	8.47	8.30	5.09	4.81B	4
5	20.5	6.94	6.31	10.1	80.4	103	48.1	14.8	8.24	7.42	4.95	5.04B	5
6	19.2	7.36B	6.12	10.1	69.1	96.3	46.4	13.9	7.96	7.02	4.78	5.15B	6
7	18.4	7.65B	5.97	9.43	61.2	98.3	45.0	13.3	7.36	6.82	4.67E	5.04B	7
8	17.2	7.50B	6.09	9.37	56.9	82.1	42.8	12.8	7.14	6.74	4.64E	4.64B	8
9	16.4	6.80B	5.97	9.60	55.5	78.4	37.7	12.8	6.97	6.88	4.62E	4.45B	9
10	15.6	4.25B	6.06	9.03	55.8	78.2	34.8	12.7	6.71	6.74	4.59E	4.74	10
11	14.1	5.66B	6.03	8.98	58.0	68.5	34.0	12.5	6.57	6.57	4.59E	4.82	11
12	12.2	6.65B	6.37	9.09	55.8	62.9	32.0	12.3	6.60	6.37	4.56E	4.28	12
13	11.0 B	7.22B	6.48	8.83	55.5	68.5	31.7	11.9	6.57	6.37	4.56E	3.42	13
14	9.77B	7.79B	6.68	8.52	59.5	72.8	33.1	12.2	6.31	6.12	4.81E	3.40B	14
15	8.78B	8.07B	7.16	9.32	85.0	88.6	32.8	12.3	6.23	6.14	5.24E	3.34B	15
16	8.35B	8.35B	7.65	11.6	96.8	106	30.6	11.3	6.26	5.99	5.24E	3.26B	16
17	7.93B	8.61B	8.24	13.8	78.2	103	28.9	11.0	6.14	5.98	5.58E	3.40B	17
18	8.64B	8.35	7.99	16.8	72.5	92.0	27.6	10.6	5.97	5.88	5.86E	3.74B	18
19	9.06B	7.73	7.87	20.0	96.3	82.4	26.8	10.3	5.86	5.76	6.06E	4.19B	19
20	9.29B	8.16	7.96	24.4	126	90.9	26.2	10.0	5.86	5.64	5.95E	4.25B	20
21	9.12B	7.56	7.76	36.5	146	95.4	25.7	9.88	6.26	5.58	5.80E	4.47B	21
22	9.20B	7.25	8.16	40.8	161	84.4	24.6	9.37	6.40	5.43	5.83E	4.45B	22
23	9.34B	7.08	8.21	49.0	177	77.6	23.9	9.26	6.37	5.35	5.86E	4.36B	23
24	9.15B	7.05	7.99	92.6	167	77.9	25.8	8.95	6.12	5.34	5.80E	4.30B	24
25	9.06B	7.02	7.93	104	176	70.5	23.8	8.58	5.95	5.29	5.52E	4.25B	25
26	9.06B	6.68	8.21	82.1	181	70.5	24.1	8.95	5.95	5.39	5.30E	4.22B	26
27	9.09B	6.48	8.35	73.1	174	75.0	21.6	8.67	6.06	5.47	5.10B	4.22B	27
28	8.75	6.48	8.81	73.6	147	69.7	21.5	8.33	6.65	5.44	5.30B	4.19B	28
29	8.27		9.66	76.2	135	62.0	21.7	8.13	6.85	5.46	5.38B	4.16B	29
30	8.44		10.7	85.0	127	58.6	20.1	8.04	7.02	5.29	5.58B	4.13B	30
31	8.81		11.0		129		18.9	7.96		5.23		4.11B	31
TOTAL	401.71	203.22	231.36	944.17	3 419.8	2 514.7	1 027.5	357.42	208.35	192.38	156.92	134.89	TOTAL
MEAN	13.0	7.26	7.46	31.5	110	83.8	33.1	11.5	6.95	6.21	5.23	4.35	MEAN
MAX	28.1	8.61	11.0	104	181	111	61.2	17.8	11.1	8.58	6.06	5.58	MAX
MIN	7.93	4.25	5.97	8.52	55.5	58.6	18.9	7.96	5.86	5.23	4.56	3.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 181 ON MAY 26
MINIMUM DAILY, 3.26B ON DEC 16
MAXIMUM INSTANTANEOUS,
188 AT 12:00 MST ON MAY 23

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 02 N
LONG 114 28 35 W
DRAINAGE AREA, 1 110 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 700	JUL	88 800
FEB	17 600	AUG	30 900
MAR	20 000	SEP	18 000
APR	81 600	OCT	16 600
MAY	295 000	NOV	13 600
JUN	217 000	DEC	11 700

TOTAL DISCHARGE, 846 000 dam³

FORDING RIVER AT THE MOUTH - STATION NO. 08NK018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.11B	2.18B	2.27E	2.92	17.7	50.2	49.4	12.3	4.99	3.30	2.51	1.97B	1
2	2.78B	2.12B	2.27E	2.86	25.7	44.2	41.9	11.8	5.02	3.38	2.50	2.01B	2
3	2.41B	2.07B	2.29E	2.80	20.7	46.3	38.4	11.4	4.95	3.53	2.50	2.01B	3
4	2.12B	1.97B	2.35E	2.78	18.3A	42.7	42.7	11.7	4.81	3.51	2.51	2.01B	4
5	1.84B	1.88B	2.42E	2.86	17.6E	38.4	42.7	11.3	4.70	3.42	2.51	2.07B	5
6	1.90B	1.88B	2.46E	2.82	17.0E	37.7	38.9	10.5	4.62	3.37	2.54	2.12B	6
7	1.97B	1.91B	2.44E	2.78	16.7E	37.4	32.9	9.85	4.52	3.33	2.55	2.12B	7
8	2.04B	1.90B	2.32E	2.74	16.4E	33.0	25.9	9.71	4.34	3.29	2.54	2.01B	8
9	2.08B	1.90B	2.27E	2.78	16.1E	29.0	21.0	9.57	4.28	3.34	2.49	2.01B	9
10	2.08B	1.81B	2.27E	2.70	16.1E	25.4	20.0	8.95	4.14	3.28	2.37	2.10B	10
11	2.04B	1.85B	2.35A	2.70	15.0E	22.9	18.7	8.57	4.03	3.19	2.34	2.07B	11
12	2.04B	1.95B	2.34	2.74	13.7E	21.9	18.2	8.26	3.99	3.14	2.34	1.98B	12
13	2.04B	2.10B	2.32	2.66	13.6E	24.3	20.6	9.11	3.91	3.04	2.32	1.81B	13
14	2.01B	2.24B	2.36	2.65	13.7A	24.7	21.7	9.30	3.96	2.99	2.34	1.77B	14
15	1.98B	2.29E	2.39	2.73	17.1	31.0	18.2	9.01	3.77	2.93	2.32	1.81B	15
16	1.95B	2.32A	2.48	2.94	19.8	38.0	17.0	8.58	3.65	2.95	2.31	1.80B	16
17	1.95B	2.32E	2.57	3.00	19.6	41.2	16.5	8.06	3.63	2.92	2.33	1.76B	17
18	1.95B	2.32A	2.44	3.17	19.7	38.5	16.6	7.67	3.55	2.91	2.32	1.76B	18
19	1.90B	2.38E	2.54	3.40	24.1	34.2	16.2	7.26	3.49	2.88	2.33	1.78B	19
20	1.87B	2.46E	2.57	3.91	35.1	32.9	16.0	6.95	3.48	2.87	2.33	1.85B	20
21	2.01B	2.41E	2.55B	4.96	47.3	32.6	15.6	6.82	3.55	2.82	2.33	1.77B	21
22	2.18B	2.38E	2.52B	5.52	62.6	31.5	15.4	6.67	3.61	2.75	2.32	1.77B	22
23	2.24B	2.38E	2.63	6.14	69.9	30.2	15.5	6.33	3.60	2.66	2.32	1.77B	23
24	2.27B	2.38E	2.67	8.52	76.7	27.5	16.7	6.07	3.53	2.62	2.33	1.77B	24
25	2.29B	2.36E	2.67	9.77	79.6	27.4	20.0	5.80	3.48	2.62	2.25	1.77B	25
26	2.27B	2.35E	2.82	9.23	86.0	34.7	19.3	5.66	3.47	2.62	2.18B	1.71B	26
27	2.27B	2.29E	2.79	8.98	78.6	41.5	17.2	5.50	3.49	2.62	2.05B	1.68B	27
28	2.25B	2.27E	2.82	9.23	69.3	39.5	16.7	5.29	3.43	2.60	1.95B	1.64B	28
29	2.24B		2.92	9.80	59.8	37.2	15.7	5.19	3.39	2.59	1.84B	1.60B	29
30	2.24B		2.97	10.6	53.4	42.6	14.6	5.15	3.34	2.59	1.90B	1.53B	30
31	2.21B		2.92		57.5		13.2	5.12		2.54		1.47B	31
TOTAL	66.53	60.67	78.00	140.69	1 118.8	1 038.6	713.4	253.45	118.62	92.60	69.77	57.30	TOTAL
MEAN	2.15	2.17	2.52	4.69	36.1	34.6	23.0	8.18	3.95	2.99	2.33	1.85	MEAN
MAX	3.11	2.46	2.97	10.6	86.0	50.2	49.4	12.3	5.02	3.53	2.55	2.12	MAX
MIN	1.84	1.81	2.27	2.65	13.6	21.9	13.2	5.12	3.34	2.54	1.84	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 86.0 ON MAY 26
MINIMUM DAILY, 1.47B ON DEC 31
MAXIMUM INSTANTANEOUS,
88.1 AT 11:00 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 38 N
LONG 114 52 08 W
DRAINAGE AREA, 619 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 750	JUL	61 500
FEB	5 240	AUG	21 900
MAR	6 740	SEP	10 200
APR	12 200	OCT	8 000
MAY	96 700	NOV	6 030
JUN	89 700	DEC	4 950

TOTAL DISCHARGE, 329 000 dam³

FORDING RIVER BELOW CLODE CREEK - STATION NO. 08NK021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.374	0.210	0.142B	0.371	5.47	9.63	12.5	2.47	0.920	0.562	0.415	0.151	1
2	0.334	0.207	0.153B	0.379	5.69	9.12	8.86	2.32	0.903	0.710	0.413	0.159	2
3	0.306	0.204	0.164B	0.374	4.39	10.1	9.32	2.47	0.878	0.684	0.396	0.176	3
4	0.289B	0.198	0.178	0.371	3.65	8.72	11.7	2.77	0.895	0.620	0.375	0.191	4
5	0.283B	0.193	0.181	0.360	3.34	7.96	10.7	2.42	0.951	0.580	0.365	0.206	5
6	0.294	0.187	0.178	0.348	3.06	8.07	8.78	2.23	0.923	0.559	0.342	0.224	6
7	0.309	0.181	0.184	0.340	2.78	7.53	6.63	2.16	0.903	0.557	0.329	0.244	7
8	0.320	0.181	0.184	0.326	2.64	6.23	4.70	2.43	0.886	0.578	0.330	0.263	8
9	0.320	0.170B	0.201	0.314	2.75	5.35	3.91	2.12	0.872	0.571	0.328	0.257	9
10	0.317	0.159B	0.224	0.309	2.73	4.93	3.74	1.99	0.824	0.554	0.328	0.253	10
11	0.314	0.153B	0.249	0.300	2.58	4.59	3.65	1.88	0.858	0.532	0.330	0.246	11
12	0.311	0.150B	0.272	0.289	2.42	4.45	4.28	1.79	0.850	0.529	0.328	0.241	12
13	0.292	0.153B	0.292	0.283	2.42	5.49	5.55	2.25	0.844	0.527	0.313	0.215B	13
14	0.283	0.159B	0.311	0.280	2.63	6.29	4.93	2.01	0.799	0.506	0.299	0.198B	14
15	0.278	0.173	0.348	0.282	3.60	7.53	3.54	2.35	0.733	0.503	0.304	0.187B	15
16	0.266	0.173	0.402	0.297	3.60	8.55	3.37	1.90	0.779	0.496	0.302	0.184	16
17	0.235B	0.161	0.411	0.328	3.48	8.75	3.82	1.70	0.748	0.482	0.297B	0.183	17
18	0.215B	0.159	0.391	0.447	3.77	7.53	4.08	1.55	0.776	0.481	0.292B	0.190	18
19	0.207B	0.153	0.371	0.736	4.93	6.51	4.13	1.45	0.824	0.472	0.286B	0.192	19
20	0.201	0.153	0.351	1.17	6.97	6.09	4.25	1.38	0.759	0.469	0.284	0.185	20
21	0.195	0.147	0.354	1.48	9.66	6.23	4.16	1.32	0.793	0.439	0.280	0.192	21
22	0.193	0.144	0.357	1.40	12.2	5.80	3.68	1.23	0.773	0.420	0.281	0.194	22
23	0.204	0.147	0.385	1.55	14.6	5.58	3.88	1.17	0.745	0.429	0.276	0.202	23
24	0.221	0.144	0.374	2.27	17.0	5.13	3.65	1.12	0.688	0.433	0.257	0.207	24
25	0.227	0.142	0.360	2.09	17.4	5.47	4.36	1.08	0.617	0.436	0.236	0.182	25
26	0.227	0.139B	0.357	1.81	21.8	7.62	3.91	1.07	0.617	0.453	0.216	0.178	26
27	0.229	0.136B	0.340	1.77	18.2	9.63	3.79	1.04	0.603	0.459	0.197	0.183	27
28	0.227	0.136B	0.337	2.04	14.2	8.01	3.82	1.02	0.609	0.459	0.178	0.169	28
29	0.224		0.351	2.12	11.9	7.56	3.60	0.974	0.589A	0.437	0.158	0.167B	29
30	0.221		0.357	2.53	12.3	10.5	3.11	0.960	0.567	0.413	0.151	0.164B	30
31	0.215		0.365		12.0		2.57	0.923		0.415		0.161B	31
TOTAL	8.131	4.612	9.124	26.965	234.16	214.85	182.97	53.547	23.526	15.765	8.886	6.144	TOTAL
MEAN	0.262	0.165	0.294	0.899	7.55	7.17	5.26	1.73	0.784	0.509	0.296	0.198	MEAN
MAX	0.374	0.210	0.411	2.53	21.8	10.5	12.5	2.77	0.951	0.710	0.415	0.263	MAX
MIN	0.193	0.136	0.142	0.280	2.42	4.45	2.57	0.923	0.567	0.413	0.151	0.151	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.11
MAXIMUM DAILY, 21.8 ON MAY 26
MINIMUM DAILY, 0.136B ON FEB 27
MAXIMUM INSTANTANEOUS,
23.7 AT 03:15 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 05 N
LONG 114 52 57 W
DRAINAGE AREA, 104 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	703	JUL	18 100
FEB	398	AUG	4 630
MAR	788	SEP	2 030
APR	2 330	OCT	1 360
MAY	20 200	NOV	769
JUN	18 600	DEC	531

TOTAL DISCHARGE, 66 400 dam³

FORREST KERR CREEK ABOVE 460 m CONTOUR - STATION NO. 08CG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.58B	2.26B	1.28 B	1.28B	3.65B	34.1	67.4	112	39.6	30.5E	13.1 E	4.57B	1
2	2.56B	2.17B	1.25 B	1.29B	3.95B	34.5	73.1	101 A	36.4	23.1E	12.3 E	4.44B	2
3	2.54B	2.08B	1.22 B	1.30B	4.30B	38.4	88.9	92.6A	33.3	19.3E	11.6 E	4.31B	3
4	2.52B	1.99B	1.20 B	1.30B	4.80B	41.7	87.9	78.7A	31.9	16.7E	12.2 E	4.18B	4
5	2.50B	1.90B	1.18 B	1.30B	5.80	42.1	80.1	124	33.0	15.2E	58.7 E	4.05B	5
6	2.48B	1.84B	1.16 B	1.29B	6.56	42.6	75.7	198	56.1	14.3E	33.2 E	3.95B	6
7	2.46B	1.79B	1.14 B	1.29B	8.72	42.1	76.6	197	80.8	15.0E	24.5 E	3.85B	7
8	2.44B	1.74B	1.12 B	1.28B	11.6	39.8	79.4	168	148	15.7E	22.6 E	3.75B	8
9	2.42B	1.69B	1.11 B	1.27B	16.6	36.4	85.1	160	254 E	14.8E	20.4 E	3.65B	9
10	2.40B	1.64B	1.10 B	1.26B	14.5	36.0	92.8	162	231 E	13.4E	18.2 E	3.55B	10
11	2.38B	1.61B	1.08 B	1.25B	12.3	37.7	108	143	195 E	12.3E	23.7 E	3.47B	11
12	2.36B	1.58B	1.05 B	1.26B	11.6	40.7	131	140	113 E	11.6E	22.1 E	3.39B	12
13	2.34B	1.55B	1.02 B	1.27B	12.8	44.8	141	118	81.6E	12.8E	17.6 E	3.31B	13
14	2.32B	1.53B	1.00 B	1.28B	13.3	47.5	155	116	81.3E	19.8E	15.6 E	3.23B	14
15	2.30B	1.53B	0.960B	1.30B	15.1	46.7	166	115	148 E	32.8E	13.6 E	3.15B	15
16	2.29B	1.60B	0.942B	1.35B	17.4	46.0	169	111	142 E	26.0E	10.2 B	3.09B	16
17	2.28B	1.70B	0.924B	1.40B	19.1	46.2	179	108	129 E	26.8E	8.40B	3.03B	17
18	2.27B	1.80B	0.906B	1.47B	21.2	48.0	202	96.9	126 E	45.6E	7.80B	2.97B	18
19	2.26B	1.76B	0.891B	1.55B	22.4	49.8	221	98.0	91.3E	32.8E	7.20B	2.91B	19
20	3.10B	1.70B	0.895B	1.63B	24.8	52.2	222	108	72.0E	28.7E	6.90B	2.85B	20
21	4.00B	1.64B	0.924B	1.72B	29.5	54.9	210	120	57.3E	25.3E	6.60B	2.80B	21
22	3.85B	1.58B	0.953B	1.81B	29.6	56.2	159	109	51.2E	23.0E	6.30B	2.75B	22
23	3.65B	1.52B	0.982B	1.95B	25.8	56.2	152	91.1	46.2E	22.2E	6.00B	2.70B	23
24	3.50B	1.49B	1.01 B	2.10B	27.9	55.9	146	87.9	37.1E	27.3E	5.75B	2.65B	24
25	3.40B	1.44B	1.04 B	2.24B	31.2	56.4	130	102	35.7E	33.1E	5.55B	2.60B	25
26	3.20B	1.40B	1.07 B	2.43B	33.6	57.9	140	85.8	33.0E	29.5E	4.90B	2.55B	26
27	3.05B	1.37B	1.10 B	2.58B	33.6	59.3	142	68.1	27.7E	25.9E	4.70B	2.50B	27
28	2.85B	1.33B	1.13 B	2.75B	32.9	56.8	145	56.7	25.6E	20.9E	5.00B	2.46B	28
29	2.65B		1.17 B	3.00B	31.7	57.4	162	49.5	23.3E	17.3E	4.90B	2.42B	29
30	2.50B		1.21 B	3.30B	36.2	60.3	155	50.8	31.4E	15.3E	4.70B	2.38B	30
31	2.35B		1.24 B		36.5		136	48.1		14.4E		2.35B	31
TOTAL	83.80	47.23	33.257	50.50	598.98	1 418.6	4 178.0	3 416.2	2 491.8	681.4	414.30	99.86	TOTAL
MEAN	2.70	1.69	1.07	1.68	19.3	47.3	135	110	83.1	22.0	13.8	3.22	MEAN
MAX	4.00	2.26	1.28	3.30	36.5	60.3	222	198	254	45.6	58.7	4.57	MAX
MIN	2.26	1.33	0.891	1.25	3.65	34.1	67.4	48.1	23.3	11.6	4.70	2.35	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.0
MAXIMUM DAILY, 254E ON SEP 9
MINIMUM DAILY, 0.891B ON MAR 19
MAXIMUM INSTANTANEOUS,
262 AT 21:49 PST ON SEP 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 54 50 N
LONG 130 43 30 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 240	JUL	361 000
FEB	4 080	AUG	295 000
MAR	2 870	SEP	215 000
APR	4 360	OCT	58 900
MAY	51 800	NOV	35 800
JUN	123 000	DEC	8 630

TOTAL DISCHARGE, 1 170 000 dam³

FORT NELSON RIVER ABOVE MUSKWA RIVER - STATION NO. 10CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 B	6.75B	5.80B	6.03B	20.5B	275E	188	74.5	130	23.3	35.4B	15.9 B	1
2	11.2 B	6.80B	5.90B	6.10B	22.2E	259E	174	72.5	119	22.5	34.0B	15.6 B	2
3	11.1 B	6.85B	5.95B	6.18B	28.0E	240E	158	74.8	115	21.8	34.5B	15.2 B	3
4	11.1 B	6.85B	5.86B	6.18B	33.0E	228E	144	75.2	107	21.3	33.8B	15.3 B	4
5	11.0 B	6.80B	5.83B	6.12B	44.0E	222E	139	71.0	99.7	21.5	34.0B	15.4 B	5
6	10.9 B	6.80B	5.90B	6.05B	58.0E	214E	133	66.2	91.2	22.4	34.5B	14.5 B	6
7	10.8 B	6.70B	6.00B	6.00B	64.0E	205E	123	62.2	83.8	25.1	33.5B	13.0 B	7
8	10.5 B	6.60B	6.07B	5.98B	72.5E	198E	110	58.9	77.4	25.9	30.7B	13.1 B	8
9	10.2 B	6.45B	6.15B	5.98B	82.8E	190E	101	55.9	71.2	27.4	28.3B	13.1 B	9
10	10.1 B	6.20B	6.25B	6.00B	80.3E	182A	93.9	52.3	66.4	29.7	28.5B	12.3 B	10
11	10.0 B	6.00B	6.27B	6.00B	80.0E	173	87.5	48.5	63.6	30.4	29.6B	11.1 B	11
12	10.1 B	5.90B	6.30B	5.94B	80.5E	168	81.7	44.7	59.9	30.6	28.0B	10.3 B	12
13	10.1 B	5.80B	6.33B	5.80B	82.0E	172	76.2	42.1	56.0	30.5	24.2B	10.3 B	13
14	10.0 B	5.80B	6.33B	5.75B	82.1E	168	75.1	40.0	51.5	31.3	21.3B	10.9 B	14
15	9.85B	5.80B	6.30B	5.74B	77.0E	158	79.0	37.6	47.8	32.4	20.0B	11.1 B	15
16	9.75B	5.80B	6.27B	5.75B	70.0E	152	96.8	35.5	43.5	34.8	19.8B	11.1 B	16
17	9.70B	5.70B	6.15B	5.80B	80.0E	152	113	33.4	40.8	40.0	19.8B	11.7 B	17
18	9.75B	5.70B	6.00B	5.86B	95.0E	152	104	31.6	37.9	52.2	20.2B	12.8 B	18
19	9.90B	5.70B	5.90B	5.97B	112 E	151	93.9	30.2	35.8	61.7	20.3B	13.5 B	19
20	10.0 B	5.65B	5.85B	6.18B	129 E	150	89.2	28.7	33.9	61.3	20.0B	13.8 B	20
21	10.1 B	5.65B	5.80B	6.50B	141 E	157	90.9	27.2	31.9	59.6	18.8B	13.2 B	21
22	10.1 B	5.70B	5.78B	7.00B	160 E	166	88.7	26.0	31.0	56.5	17.2B	12.2 B	22
23	10.0 B	5.75B	5.82B	7.65B	190 E	179	96.2	24.4	30.1	52.2	16.3B	11.3 B	23
24	9.85B	5.85B	5.93B	8.25B	227 E	181	109	23.6	29.2	52.1	15.9B	11.4 B	24
25	9.70B	5.90B	5.97B	9.10B	219 E	190	107	22.9	28.5	57.4	16.0B	11.8 B	25
26	8.95B	5.90B	6.00B	10.4 B	250 E	205	96.5	24.8	27.5	53.0B	16.3B	11.0 B	26
27	8.18B	5.85B	5.97B	12.8 B	311 A	234	89.6	27.6	27.0	45.0B	17.2B	9.50B	27
28	7.65B	5.80B	5.97B	15.3 B	319 E	235	84.7	30.3	26.2	39.0B	17.2B	8.60B	28
29	7.30B		6.01B	17.8 B	327 E	223	80.9	50.3	25.1	35.0B	16.5B	8.20B	29
30	7.00B		6.01B	19.5 B	278 E	205	79.1	152	23.9	36.2B	15.6B	8.25B	30
31	6.80B		6.00B		259 E		77.0	158		37.2B		8.10B	31
TOTAL	302.98	171.05	186.67	233.71	4 073.9	5 784	3 259.9	1 602.9	1 711.8	1 169.3	717.4	373.55	TOTAL
MEAN	9.77	6.11	6.02	7.79	131	193	105	51.7	57.1	37.7	23.9	12.1	MEAN
MAX	11.3	6.85	6.33	19.5	327	275	188	158	130	61.7	35.4	15.9	MAX
MIN	6.80	5.65	5.78	5.74	20.5	150	75.1	22.9	23.9	21.3	15.6	8.10	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.7
MAXIMUM DAILY, 327E ON MAY 29
MINIMUM DAILY, 5.65B ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 40 15 N
LONG 122 38 15 W
DRAINAGE AREA, 22 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 200	JUL	282 000
FEB	14 800	AUG	138 000
MAR	16 100	SEP	148 000
APR	20 200	OCT	101 000
MAY	352 000	NOV	62 000
JUN	500 000	DEC	32 300

TOTAL DISCHARGE, 1 690 000 dam³

FORTUNE CREEK NEAR ARMSTRONG - STATION NO. 08LC035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.193	0.164	0.109	0.084	2.39	5.31	2.26	0.244	0.102	0.079	0.260	0.122	1
2	0.149	0.159	0.098	0.082	2.71	4.47	1.43	0.219	0.122	0.212	0.309	0.119	2
3	0.144	0.151	0.098	0.076	2.34	3.48	1.47	0.212	0.122	0.154	0.276	0.122	3
4	0.149	0.149	0.105	0.076	1.38	3.00	1.16	0.260	0.112	0.129	0.285	0.116	4
5	0.149	0.142	0.103	0.082	1.38	2.08	0.889	0.231	0.105	0.409	0.231	0.116	5
6	0.144	0.140	0.099E	0.078	1.25	2.40	0.686	0.159	0.099	0.389	0.212	0.116	6
7	0.157	0.137	0.098	0.078	1.09	2.35	1.08	0.150	0.093	0.309	0.200	0.112	7
8	0.159	0.142	0.101	0.070	1.19	2.31	1.77	0.122	0.079	0.219	0.181	0.109	8
9	0.157	0.127	0.096	0.072	1.35	2.21	1.51	0.145	0.074	0.219	0.177	0.116	9
10	0.167	0.112	0.092	0.074	1.50	2.17	1.01	0.129	0.076	0.194	0.181	0.109	10
11	0.164	0.109	0.092	0.074	1.64	2.49	1.85	0.109	0.074	0.172	0.168	0.105	11
12	0.154	0.118	0.090	0.074	1.68	2.26	1.12	0.116	0.071	0.154	0.276	0.091	12
13	0.151	0.130	0.094	0.062	2.13	1.90	0.920	0.116	0.067	0.129	0.293	0.096	13
14	0.147	0.154	0.098	0.061	2.71	2.12	2.03	0.105	0.062	0.126	0.244	0.091	14
15	0.121	0.154	0.094	0.062	2.71	2.21	1.68	0.099	0.062	0.119	0.194	0.096	15
16	0.118	0.151	0.107	0.078	3.54	2.17	1.35	0.091	0.062	0.119	0.200	0.102	16
17	0.137	0.149	0.092	0.097	3.73	2.12	0.951	0.085	0.056	0.133	0.187	0.102	17
18	0.140	0.137	0.103	0.097	3.66	2.08	0.889	0.074	0.053	0.129	0.212	0.099	18
19	0.127	0.125	0.084	0.136	4.99	2.83	0.745	0.074	0.056	0.118	0.194	0.099	19
20	0.121	0.114	0.090	0.182	8.09	3.05	0.745	0.091	0.062	0.126	0.206	0.105	20
21	0.118	0.116	0.098	0.193	8.25	2.49	0.647	0.082	0.056	0.109	0.181	0.102	21
22	0.142	0.114	0.094	0.223	8.58	2.17	0.569	0.079	0.058	0.109	0.244	0.091	22
23	0.246	0.105	0.078	0.239	6.31	2.17	0.486	0.076	0.060	0.105	0.225	0.091	23
24	0.337	0.103	0.084	1.04	6.85	2.31	0.528	0.074	0.060	0.105	0.206	0.096	24
25	0.303	0.098	0.082	0.934	7.33	2.35	0.528	0.074	0.065	0.105	0.181	0.091	25
26	0.255	0.096	0.084	0.817	8.64	2.12	0.430	0.076	0.065	0.112	0.154	0.085	26
27	0.246	0.088	0.076	0.739	6.61	2.03	0.368	0.079	0.069	0.133	0.133	0.085	27
28	0.269	0.098	0.090	0.708	5.54	1.99	0.309	0.076	0.067	0.133	0.140	0.091	28
29	0.238		0.090	0.934	4.47	1.73	0.268	0.085	0.085	0.140	0.154	0.088	29
30	0.232		0.086	1.19	4.83	1.56	0.276	0.102	0.079	0.133	0.136	0.085	30
31	0.215		0.084		5.19		0.268	0.093		0.145		0.079	31
TOTAL	5.549	3.582	2.889	8.712	124.06	73.93	30.222	3.727	2.273	4.965	6.240	3.127	TOTAL
MEAN	0.179	0.128	0.093	0.290	4.00	2.46	0.975	0.120	0.076	0.160	0.208	0.101	MEAN
MAX	0.337	0.164	0.109	1.19	8.64	5.31	2.26	0.260	0.122	0.409	0.309	0.122	MAX
MIN	0.118	0.088	0.076	0.061	1.09	1.56	0.268	0.074	0.053	0.079	0.133	0.079	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.738
MAXIMUM DAILY, 8.64 ON MAY 26
MINIMUM DAILY, 0.053 ON SEP 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 26 18 N
LONG 119 08 32 W
DRAINAGE AREA, 41.2 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	479	JUL	2 610
FEB	309	AUG	322
MAR	250	SEP	196
APR	753	OCT	429
MAY	10 700	NOV	539
JUN	6 390	DEC	270

TOTAL DISCHARGE, 23 200 dam³

FRANCOIS LAKE AT FRANCOIS LAKE - STATION NO. 08JB011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.935	1.905	1.856	1.811	1.902	2.603	2.463	2.188	1.990	1.853	1.807	1.807	1
2	1.923	1.905	1.856	1.811	1.917	2.612	2.463	2.182	1.984	1.838	1.807	1.801E	2
3	1.920	1.899	1.850	1.811	1.932	2.612	2.457	2.173	1.981	1.838	1.807	1.801	3
4	1.920	1.893	1.850	1.811	1.948	2.615	2.448	2.167	1.975	1.832	1.807	1.801	4
5	1.920	1.890	1.841	1.811	1.972	2.618	2.432	2.161	1.969	1.829E	1.807	1.795	5
6	1.929	1.890	1.841	1.811	1.987	2.618	2.417	2.152	1.960	1.826	1.807	1.792	6
7	1.935	1.887	1.841	1.817	2.009	2.612	2.402	2.143	1.948	1.823	1.801	1.792	7
8	1.929	1.887	1.841	1.817	2.018	2.603	2.374	2.137	1.945	1.817	1.801	1.792	8
9	1.920	1.884	1.841	1.811	2.039	2.597	2.371	2.128	1.939	1.817	1.807	1.786	9
10	1.920	1.881	1.841	1.811	2.070	2.588	2.356	2.112	1.929	1.823	1.807	1.777	10
11	1.920	1.881	1.835	1.820	2.085	2.588	2.350	2.112	1.923	1.823	1.771	1.777	11
12	1.929	1.875	1.829	1.823	2.115	2.588	2.341	2.106	1.917	1.817	1.807	1.777	12
13	1.920	1.875	1.811	1.823	2.146	2.591	2.326	2.097	1.914	1.807	1.801	1.777	13
14	1.914	1.875	1.829	1.820	2.176	2.585	2.326	2.082	1.914	1.817	1.807	1.777	14
15	1.920	1.875	1.835	1.820	2.207	2.573	2.326	2.076	1.914	1.817	1.807	1.774	15
16	1.920	1.875	1.841	1.817	2.268	2.573	2.326	2.067	1.908	1.814	1.807	1.762	16
17	1.920	1.871	1.835	1.811	2.298	2.566	2.310	2.067	1.899	1.814	1.807	1.762	17
18	1.926	1.865	1.826	1.811	2.329	2.560	2.295	2.060	1.899	1.807	1.807E	1.756	18
19	1.929	1.856	1.826	1.817	2.359	2.557	2.283	2.051	1.893	1.807	1.801	1.753	19
20	1.929	1.856	1.826	1.817	2.374	2.551	2.280	2.045	1.887	1.807	1.807	1.753	20
21	1.932	1.856	1.823	1.820	2.396	2.551	2.274	2.036	1.884	1.801	1.807	1.747	21
22	1.920	1.856	1.817	1.826	2.420	2.542	2.265	2.036	1.884	1.792	1.801	1.747	22
23	1.920	1.859	1.811	1.835	2.435	2.527	2.259	2.030	1.884	1.792	1.807	1.753	23
24	1.911	1.859	1.811	1.841	2.451	2.512	2.249	2.021	1.878	1.786	1.807	1.747	24
25	1.905	1.865	1.820	1.847	2.481	2.509	2.234	2.048	1.868	1.783	1.807	1.740	25
26	1.905	1.865	1.820	1.856	2.512	2.493	2.228	2.036	1.862	1.777	1.807	1.740	26
27	1.905	1.856	1.820	1.871	2.542	2.481	2.219	2.021	1.862	1.792	1.814	1.734	27
28	1.905	1.856	1.817	1.871	2.557	2.472	2.213	2.015	1.853	1.807	1.814	1.731	28
29	1.905		1.817	1.881	2.573	2.463	2.210	2.006	1.853	1.801	1.807	1.731	29
30	1.905		1.811	1.896	2.585	2.457	2.204	1.999	1.838	1.807	1.807	1.725	30
31	1.905		1.811		2.597		2.188	1.990		1.807		1.716	31
MEAN	1.919	1.875	1.830	1.828	2.248	2.561	2.319	2.082	1.912	1.812	1.805	1.765	MEAN
MAX	1.935	1.905	1.856	1.896	2.597	2.618	2.463	2.188	1.990	1.853	1.814	1.807	MAX
MIN	1.905	1.856	1.811	1.811	1.902	2.457	2.188	1.990	1.838	1.777	1.771	1.716	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.997
MAXIMUM DAILY, 2.618 ON JUN 5
MINIMUM DAILY, 1.716 ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 03 05 N
LONG 125 45 16 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FRASER RIVER ABOVE TEXAS CREEK - STATION NO. 08MF040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 700E	1 050E	870E	1 100	1 840	4 330	2 600	2 740	1 630	893	860	768	1
2	1 500E	1 020E	850E	1 110	1 880	4 510	2 640	2 770	1 540	883	882	737	2
3	1 400E	1 000E	830E	1 100	1 990	4 690	2 730	2 690	1 480	874	992	697	3
4	1 400E	960E	810A	1 080	2 080	4 600	2 780	2 580	1 480	874	1 270	694	4
5	1 300E	921A	809	1 050	2 090	4 430	2 740	2 480	1 520	905	1 340	675	5
6	1 250E	900E	791	1 020	2 050	4 330	2 850	2 380	1 520	904	1 370	669	6
7	1 200E	856A	783	997	2 020	4 280	3 010	2 260	1 490	894	1 430	665	7
8	1 150A	800E	783	977	2 070	4 120	3 036	2 170A	1 400	878	1 370	660	8
9	1 130	760E	770	958	2 090	3 920	2 960	2 150E	1 350	865	1 280	658	9
10	1 120	720E	760	941	2 090	3 710	2 920	2 100E	1 320	860	1 210	652	10
11	1 090	687A	751	921	2 140	3 410	2 730	2 200E	1 300	852	1 160	645	11
12	1 050	680E	744	907	2 230	3 250	2 520	2 250E	1 320	846	1 150	603	12
13	1 020	690E	742	879	2 180	3 130	2 360	2 320A	1 340	842	1 140	598	13
14	1 010	720A	744	853	2 150	3 100	2 280	2 390	1 350	841	1 120	594	14
15	976	740E	750	827	2 240	3 090	2 280	2 430	1 310	827	1 130	589	15
16	938	780E	757	819	2 360	3 020	2 340	2 420	1 240	809	1 140	586	16
17	883	807A	783	817	2 560	2 950	2 410	2 340	1 180	794	1 130	581	17
18	859A	840E	812	836	2 780	2 990	2 470	2 230	1 130	777	1 090	574	18
19	850	880E	826	888	2 910	3 080	2 520	2 140	1 110	773	1 080	573	19
20	880	920E	842	951	3 020	3 050	2 550	2 110	1 140	777	1 060	574	20
21	894	959A	841	1 000	3 200	2 940	2 610	2 060	1 180	830	1 020	574	21
22	897	1 000E	827	1 080	3 380	2 920	2 690	2 020	1 230	828	981	574	22
23	1 000E	1 000E	813	1 200	3 610	2 960	2 740	2 020	1 250	810	948	573	23
24	1 070A	1 000E	803	1 380	3 930	2 950	2 800	1 970	1 220	788	925	569	24
25	1 130	990A	784	1 580	4 190	2 880	2 810	1 900	1 150	767	897	569	25
26	1 150E	953A	778	2 110	4 260	2 840	2 750	1 840	1 070	739	873	571	26
27	1 160E	940E	773	2 440	4 390	2 810	2 720	1 780	1 020	735	853	572	27
28	1 170A	920E	785	2 270	4 640	2 740	2 680	1 760	978	743	829	574	28
29	1 150		817	2 000	4 880	2 700	2 660	1 740	949	779	787	576	29
30	1 120E		888	1 840	4 810	2 650	2 670	1 750	917	825	755	575	30
31	1 090A		981		4 480		2 710	1 720		840		568	31
TOTAL	34 537	24 493	24 897	35 931	90 540	102 380	82 560	67 710	38 114	25 652	32 072	19 087	TOTAL
MEAN	1 110	875	803	1 200	2 920	3 410	2 660	2 180	1 270	827	1 070	616	MEAN
MAX	1 700	1 050	981	2 440	4 880	4 690	3 030	2 770	1 630	905	1 430	768	MAX
MIN	850	680	742	817	1 840	2 650	2 280	1 720	917	735	755	568	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 580
MAXIMUM DAILY, 4 880 ON MAY 29
MINIMUM DAILY, 568 ON DEC 31
MAXIMUM INSTANTANEOUS,
4 930 AT 22:30 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 50 N
LONG 121 51 10 W
DRAINAGE AREA, 152 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 980 000	JUL	7 130 000
FEB	2 120 000	AUG	5 850 000
MAR	2 150 000	SEP	3 290 000
APR	3 100 000	OCT	2 220 000
MAY	7 820 000	NOV	2 770 000
JUN	8 850 000	DEC	1 650 000

TOTAL DISCHARGE, 49 900 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT HANSARD - STATION NO. 08KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	395B	205B	165B	227B	406	1 770	855	771	393	182	243	142B	1
2	355B	195B	160B	219B	483	1 680	889	723	377	185	379	143B	2
3	320B	185B	160B	209B	549	1 570	877	676	440	199	428	146B	3
4	300B	180B	155B	198B	529	1 540	986	637	453	205	460	147B	4
5	290B	170B	155B	188B	490	1 550	1 160	606	391	195	466	145B	5
6	275B	165B	150B	175B	486	1 440	1 130	582	373	182	416	142B	6
7	265B	160B	150B	160B	506	1 350	1 110	583	358	173	358	141B	7
8	255B	150B	150B	150B	497	1 220	1 050	593	346	169	330	138B	8
9	248B	145B	145B	138B	497	1 070	881	610	357	178	324	136B	9
10	235B	140B	145B	133B	529	953	738	631	396	191	311	134B	10
11	230B	135B	145B	130B	546	899	649	639	439	190	292	131B	11
12	220B	130B	145B	127B	525	918	612	648	422	181	278	129B	12
13	215B	130B	145B	126B	519	912	624	673	374	173	286	127B	13
14	205B	135B	145B	126E	568	852	682	677	343	163	303	125B	14
15	200B	150B	146B	128A	652	833	741	637	309	158	299	122B	15
16	190B	165B	148B	136	733	882	780	598	284	155	285	120B	16
17	185B	175B	149B	150	830	945	782	585	283	161	274	119B	17
18	180B	190B	150B	160	893	922	800	565	325	192	255	118B	18
19	175B	205B	151B	168	951	844	845	560	370	197	234	117B	19
20	180B	212B	152B	181	1 040	795	899	545	407	182	216	116B	20
21	180B	215B	152B	216	1 170	825	918	532	418	169	210	115B	21
22	190B	220B	152B	246	1 370	817	926	509	355	160	207	114B	22
23	200B	215B	153B	295	1 560	766	901	474	297	151	200	113B	23
24	220B	210B	153B	406	1 590	732	855	464	262	149	192	112B	24
25	235B	200B	154B	565	1 640	721	814	466	241	158	182	111B	25
26	250B	185B	157B	548	1 760	715	791	482	225	177	174	110B	26
27	250B	180B	162B	455	1 920	729	745	518	210	199	168	109B	27
28	245B	170B	170B	392	1 880	757	738	537	196	208	161	108B	28
29	240B		190B	366	1 590	753	785	506	186	200	148	107B	29
30	225B		210B	382	1 400	761	855	439	182	203	143B	105B	30
31	215B		229B		1 510		840	407		212		103B	31
TOTAL	7 368	4 917	4 893	7 100	29 619	30 521	26 258	17 873	10 012	5 597	8 222	3 845	TOT
MEAN	238	176	158	237	955	1 020	847	577	334	181	274	124	MEA
MAX	395	220	229	565	1 920	1 770	1 160	771	453	212	466	147	MAX
MIN	175	130	145	126	406	715	612	407	182	149	143	103	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 428
MAXIMUM DAILY, 1 920 ON MAY 27
MINIMUM DAILY, 103B ON DEC 31
MAXIMUM INSTANTANEOUS,
1 970 AT 20:10 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 43 N
LONG 121 50 52 W
DRAINAGE AREA, 18 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	637 000	JUL	2 270 000
FEB	425 000	AUG	1 540 000
MAR	423 000	SEP	865 000
APR	613 000	OCT	484 000
MAY	2 560 000	NOV	710 000
JUN	2 640 000	DEC	332 000

TOTAL DISCHARGE, 13 500 000 dam³

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DI
1	2 760	1 670	1 430	1 570	3 330	7 650	5 110	4 640	2 700	1 570	2 110	1 390	1
2	2 760	1 590	1 400	1 660	3 260	7 790	5 010	4 650	2 600	1 670	1 910	1 390	2
3	2 680	1 540	1 370	1 670	3 230	8 030	5 170	4 560	2 470	1 560	1 810	1 300	3
4	2 500	1 500	1 350	1 650	3 390	8 060	5 250	4 410	2 460	1 530	2 110	1 290	4
5	2 270	1 470	1 330	1 660	3 440	7 830	5 250	4 250	2 520	1 580	2 250	1 420	5
6	2 080	1 430	1 320	1 620	3 420	7 770	5 290	4 090	2 520	1 670	2 320	1 390	6
7	1 980	1 370	1 290	1 580	3 360	7 580	5 430	3 930	2 500	1 830	2 370	1 310	7
8	1 900	1 350	1 290	1 550	3 380	7 360	5 500	3 800	2 410	1 740	2 340	1 270	8
9	1 860	1 330	1 280	1 530	3 470	7 120	5 370	3 710	2 320	1 690	2 210	1 270	9
10	1 820	1 270	1 260	1 490	3 470	6 850	5 280	3 680	2 260	1 650	2 090	1 340	10
11	1 780	1 200	1 250	1 480	3 510	6 480	5 050	3 750	2 220	1 630	2 110	1 280	11
12	1 710	1 130	1 240	1 450	3 620	6 120	4 770	3 780	2 230	1 610	2 420	1 190	12
13	1 670	1 150	1 240	1 430	3 740	5 930	4 510	3 820	2 250	1 590	2 200	1 080	13
14	1 640	1 260	1 230	1 390	3 720	5 780	4 400	3 870	2 240	1 560	2 070	1 070	14
15	1 590	1 350	1 240	1 370	3 860	5 720	4 360	3 900	2 190	1 540	2 100	1 050	15
16	1 520	1 480	1 240	1 390	3 960	5 670	4 390	3 890	2 090	1 500	2 130	1 010	16
17	1 470	1 680	1 250	1 370	4 170	5 590	4 490	3 790	2 000	1 470	2 050	989	17
18	1 420	1 570	1 290	1 370	4 460	5 550	4 580	3 640	1 920	1 440	1 990	963	18
19	1 410	1 710	1 300	1 420	4 870	5 720	4 640	3 510	1 870	1 410	1 940	1 020	19
20	1 410	1 680	1 320	1 510	5 160	5 730	4 700	3 440	1 880	1 410	1 880	1 080	20
21	1 460	1 630	1 330	1 570	5 470	5 570	4 740	3 350	1 940	1 410	1 850	1 090	21
22	1 610	1 620	1 330	1 680	5 740	5 460	4 840	3 260	2 010	1 430	1 820	1 080	22
23	1 730	1 620	1 310	1 960	6 050	5 500	4 930	3 230	2 040	1 400	1 730	1 020	23
24	1 760	1 630	1 300	2 400	6 530	5 440	4 980	3 170	1 990	1 370	1 680	964	24
25	1 810	1 620	1 290	2 480	7 260	5 370	5 040	3 090	1 890	1 340	1 620	997	25
26	1 820	1 580	1 270	2 770	7 510	5 340	4 930	2 950	1 770	1 330	1 570	1 050	26
27	1 840	1 530	1 260	3 320	7 560	5 310	4 890	2 900	1 680	1 340	1 520	1 060	27
28	1 850	1 470	1 260	3 490	7 830	5 210	4 790	2 830	1 690	1 460	1 470	1 040	28
29	1 840		1 300	3 310	8 230	5 170	4 690	2 810	1 620	1 480	1 440	1 010	29
30	1 820		1 350	3 180	8 370	5 200	4 620	2 810	1 540	1 470	1 380	961	30
31	1 750		1 440		8 090		4 640	2 780		1 760		848	31
TOTAL	57 520	41 430	40 360	56 320	153 460	187 900	151 640	112 290	63 820	47 440	58 490	35 222	TOT
MEAN	1 860	1 480	1 300	1 880	4 950	6 260	4 890	3 620	2 130	1 530	1 950	1 140	MEA
MAX	2 760	1 710	1 440	3 490	8 370	8 060	5 500	4 650	2 700	1 830	2 420	1 420	MAX
MIN	1 410	1 130	1 230	1 370	3 230	5 170	4 360	2 780	1 540	1 330	1 380	848	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 760
MAXIMUM DAILY, 8 370 ON MAY 30
MINIMUM DAILY, 848 ON DEC 31
MAXIMUM INSTANTANEOUS,
8 410 AT 05:45 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 50 N
LONG 121 27 05 W
DRAINAGE AREA, 217 000 km²

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 970 000	JUL	13 100 000
FEB	3 580 000	AUG	9 700 000
MAR	3 490 000	SEP	5 510 000
APR	4 870 000	OCT	4 100 000
MAY	13 300 000	NOV	5 050 000
JUN	16 200 000	DEC	3 040 000

TOTAL DISCHARGE, 86 900 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT MCBRIDE - STATION NO. 08KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	79.3B	50.1B	46.2B	46.6	160	625	437	456	292	99.3	116	58.4	1
2	73.6B	49.3B	45.3B	45.8	165	643	438	438	288	94.2	153	61.1	2
3	69.4B	48.1B	45.0B	46.0	139	636	556	433	301	93.6	145	63.7	3
4	66.5B	47.6B	45.0B	42.2	127	627	670	405	293	92.2	129	56.4	4
5	63.7B	46.7B	44.7B	44.1	127	562	651	409	294	87.4	113	53.0	5
6	60.9B	45.6B	44.5B	44.6	130	504	637	416	292	82.7	103	61.1	6
7	59.5B	45.0B	44.2B	43.0	126	456	524	437	290	88.8	99.0	62.2	7
8	58.0B	44.5B	43.9B	42.7	121	413	433	460	284	93.9	88.8	57.5	8
9	56.6B	43.9B	43.9B	43.4	130	365	364	471	323	86.4	84.5	56.1	9
10	55.2B	43.3B	43.6B	42.7	138	348	333	480	291	80.8	82.3	54.8	10
11	54.4B	43.0B	43.3B	42.0	141	353	360	502	255	79.5	86.1	53.6	11
12	53.5B	43.0B	43.0B	42.4	148	344	373	521	238	76.7	98.3	53.2B	12
13	52.4B	43.3B	43.0B	41.3	169	307	411	481	215	73.3	94.2	52.4B	13
14	51.5B	43.6B	43.0B	39.6	190	341	477	480	189	72.2	89.1	51.8B	14
15	50.4B	44.5B	43.0B	40.5	202	361	453	474	189	73.9	84.5	51.3B	15
16	49.6B	45.0B	43.0B	43.4	217	383	475	418	234	81.7	81.1	51.0B	16
17	49.6B	45.9B	43.0B	44.1	256	354	501	436	273	83.0	75.0	50.7B	17
18	49.6B	46.7B	43.0B	44.2	278	311	549	437	307	79.9	68.5	50.4B	18
19	49.3B	47.3B	43.0B	44.6	327	304	596	441	263	75.6	68.8	49.8B	19
20	49.0B	48.1B	43.9	50.7	379	299	609	435	236	73.6	70.5	49.6B	20
21	49.6B	48.7B	43.2	51.8	456	294	597	396	192	66.0	68.2	49.0B	21
22	50.4B	49.0B	43.6	55.0	557	277	573	346	166	65.2	67.0	47.9B	22
23	52.1B	49.6B	43.9	85.8	562	268	545	347	147	64.2	65.2	47.3B	23
24	53.8B	49.0B	43.4	108	642	269	542	372	136	63.9	62.7	46.4B	24
25	55.2B	48.7B	43.6	107	684	275	539	408	125	67.0	59.7	45.9B	25
26	55.2B	48.1B	44.2	90.5	794	331	493	419	107	71.6	60.2	45.3B	26
27	55.2B	47.6B	44.6	80.8	722	348	515	391	102	69.1	55.2	42.5B	27
28	53.8B	47.0B	45.4	85.1	576	342	564	348	100	71.4	60.9	40.5B	28
29	53.2B		46.0	86.4	522	358	529	337	98.0	80.8	67.2	39.4B	29
30	52.4B		47.2	84.8	534	414	522	292	93.6	73.1	65.2	37.7B	30
31	51.0B		44.9		667		480	276		69.7		37.1B	31
TOTAL	1 733.9	1 302.2	1 367.5	1 709.1	10 386	11 712	15 746	12 962	6 613.6	2 430.7	2 561.2	1 577.1	TOTAL
MEAN	55.9	46.5	44.1	57.0	335	390	508	418	220	78.4	85.4	50.9	MEAN
MAX	79.3	50.1	47.2	108	794	643	670	521	323	99.3	153	63.7	MAX
MIN	49.0	43.0	43.0	39.6	121	268	333	276	93.6	63.9	55.2	37.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 192
MAXIMUM DAILY, 794 ON MAY 26
MINIMUM DAILY, 37.1B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 17 10 N
LONG 120 06 46 W
DRAINAGE AREA, 6 890 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	150 000	JUL	1 360 000
FEB	113 000	AUG	1 120 000
MAR	118 000	SEP	571 000
APR	148 000	OCT	210 000
MAY	897 000	NOV	221 000
JUN	1 010 000	DEC	136 000

TOTAL DISCHARGE, 6 050 000 dam³

FRASER RIVER AT MISSION - STATION NO. 08MH024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4 410	2 380	2 040	1 820	3 950	8 300	5 580	5 170E	3 460	2 070A	3 210	2 050	1
2	4 390	2 270	1 970	1 910	4 020	8 100	5 380	5 210E	3 380	2 290A	3 510	2 060	2
3	4 210	2 170	1 910	1 970	3 980	8 270	5 440	5 220E	3 270	2 310A	3 420	2 030	3
4	3 980	2 090	1 880	1 960	4 040	8 550	5 610	5 150E	3 180	2 220A	3 500	1 940	4
5	3 670	2 030	1 860A	1 930	4 130	8 500	5 720	5 010E	3 190	2 180A	3 660	1 990	5
6	3 360	1 980	1 800	1 990	4 130	8 610	5 660	4 840E	3 210	2 240A	3 680	2 190	6
7	3 130	1 900	1 760	1 930	4 090	8 380	5 720	4 760E	3 170	2 520A	3 630	2 100	7
8	2 950	1 840	1 740	1 900	4 050	8 100	5 800	4 620E	3 110	2 650A	3 550	2 040	8
9	2 840	1 840	1 710	1 890E	4 090	7 840	5 750	4 560E	3 010	2 590A	3 370	1 950	9
10	2 740	1 750	1 680	1 880E	4 130	7 650	5 580	4 530E	2 940	2 530A	3 150	2 090	10
11	2 630	1 670	1 660	1 870E	4 130	7 360	5 390E	4 560E	2 890	2 480A	3 040	2 160	11
12	2 520	1 570	1 650	1 860	4 190	6 850	5 210E	4 600E	2 870	2 410A	3 420	2 050	12
13	2 410	1 520	1 630	1 820	4 300	6 480	5 010E	4 670E	2 870	2 330A	3 550	1 900	13
14	2 310	1 570	1 610	1 760	4 350	6 230	4 840E	4 730E	2 860	2 270A	3 470A	1 820	14
15	2 220	1 720	1 580	1 710	4 390	6 030	4 800E	4 760E	2 800	2 200A	3 380	1 760	15
16	2 120	1 870	1 580	1 710	4 540	6 000	4 810E	4 770E	2 720	2 160	3 450	1 710	16
17	2 020	2 190	1 580	1 720	4 620E	5 970	4 870E	4 710E	2 630	2 100	3 390	1 640	17
18	1 950	2 340	1 590	1 700	4 740E	5 890	5 040E	4 640E	2 540	2 050	3 250	1 570	18
19	1 920	2 350	1 590	1 720	4 840E	6 120	5 100E	4 570E	2 490	1 990	3 110	1 570	19
20	1 910	2 560	1 600	1 800	5 040E	6 370	5 130E	4 520	2 470	1 970	3 000	1 730	20
21	1 940	2 490	1 610	1 890	5 320E	6 260	5 150E	4 420	2 540A	1 960	2 900	1 740	21
22	2 100	2 430	1 620	1 950	5 550	6 000	5 210E	4 300	2 590A	1 930	2 900	1 710	22
23	2 380	2 380	1 610	2 200	5 830	5 970	5 300E	4 200	2 640A	1 900	2 810	1 650	23
24	2 530	2 360	1 580	2 680	6 260	5 970	5 380E	4 130	2 610A	1 850	2 700	1 560	24
25	2 600	2 340	1 580	3 030	6 910	5 720	5 410E	4 040	2 530A	1 790	2 590	1 540	25
26	2 620	2 290	1 570E	3 230	7 560	5 580	5 420E	3 890	2 370A	1 750	2 490	1 540	26
27	2 640	2 210	1 570E	3 620	7 700	5 490	5 380E	3 760	2 240A	1 760	2 400	1 580	27
28	2 630	2 120	1 560	3 980	7 820	5 440	5 350E	3 660	2 220A	1 960	2 280	1 560	28
29	2 610		1 580	4 060	8 100	5 410	5 300E	3 600	2 250A	2 160	2 190	1 500	29
30	2 550		1 610	3 900	8 470	5 550	5 210E	3 560	2 140A	2 170	2 100	1 460	30
31	2 480		1 670		8 610		5 180E	3 500		2 390		1 330	31
TOTAL	84 770	58 230	51 980	67 390	163 880	202 990	164 720	138 660	83 190	67 180	93 100	55 520	TOTAL
MEAN	2 730	2 080	1 680	2 250	5 290	6 770	5 310	4 470	2 770	2 170	3 100	1 790	MEAN
MAX	4 410	2 560	2 040	4 060	8 610	8 610	5 800	5 220	3 460	2 650	3 680	2 190	MAX
MIN	1 910	1 520	1 560	1 700	3 950	5 410	4 800	3 500	2 140	1 750	2 100	1 330	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 370
MAXIMUM DAILY, 8 610 ON MAY 31
MINIMUM DAILY, 1 330 ON DEC 31
MAXIMUM INSTANTANEOUS,
8 700 AT 13:16 PST ON JUN 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 39 N
LONG 122 18 08 W
DRAINAGE AREA, 228 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 320 000	JUL	14 200 000
FEB	5 030 000	AUG	12 000 000
MAR	4 490 000	SEP	7 190 000
APR	5 820 000	OCT	5 800 000
MAY	14 200 000	NOV	8 040 000
JUN	17 500 000	DEC	4 800 000

TOTAL DISCHARGE, 106 000 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT QUESNEL - STATION NO. 08KE002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.334E	3.911E	3.725E	4.255	5.221	7.638	5.867	5.364E	4.368	3.606	3.901E	3.085	1
2	4.968E	3.898	3.703	4.206	5.334E	7.660	5.873	5.243E	4.319	3.612	4.054E	3.383	2
3	4.602E	3.889	3.697	4.188	5.425E	7.510	5.889	5.304E	4.426	3.581E	4.161E	3.456	3
4	4.404	3.825	3.679	4.115E	5.526	7.333	6.011E	5.389	4.420E	3.566E	4.395	3.374	4
5	4.243	3.783	3.655	4.054E	5.511	7.318	6.096E	5.243	4.212E	3.560	4.523	3.368E	5
6	4.191	3.734	3.624	3.996	5.505	7.132E	6.178	5.194	4.313E	3.664	4.450E	3.368E	6
7	4.191	3.694E	3.719E	4.002	5.578	6.969E	6.133	5.185	4.267E	3.652	4.267E	3.374	7
8	4.179	3.667E	3.786E	3.944	5.526	6.797E	6.069	5.166E	4.221	3.615	4.176E	3.371	8
9	4.145	3.633	3.825	3.981	5.593E	6.693	5.995	5.136E	4.209	3.639	4.112	3.371	9
10	4.100E	3.530	3.472	3.871	5.645E	6.5[illegible]E	5.718	5.185	4.209	3.664E	4.078	3.283	10
11	4.060E	3.551	3.560	3.822E	5.727	6.401E	5.425E	5.227	4.276	3.652E	4.084	3.139	11
12	4.008	3.548	3.551	3.783E	5.636	6.300E	5.273E	5.291	4.267E	3.633	4.078	3.216E	12
13	3.953	3.551	3.581	3.761	5.523	6.218E	5.221	5.358	4.252E	3.627	4.029	3.200E	13
14	3.923	3.554E	3.627E	3.719	5.523	6.181	5.279	5.511	4.191	3.600	3.999E	3.191	14
15	3.856	3.566E	3.636E	3.719	5.709	6.175	5.310	5.364E	4.087	3.551	3.993E	3.206	15
16	3.786	3.581E	3.600	3.719	5.858	6.130	5.505	5.227E	3.999	3.517	4.069	3.267	16
17	3.755E	3.603	3.719	3.813	6.102	6.376	6.130	5.145	3.935	3.566E	4.075	3.277	17
18	3.764E	3.728	3.783	4.145E	6.242	6.227	5.944E	5.017	3.999	3.642E	3.999	3.234	18
19	3.795	3.822	3.783	4.191E	6.306E	6.163	5.669E	4.971	4.060E	3.688	3.947	2.926E	19
20	3.825	3.880	3.758	4.237E	6.376	6.123E	5.608	4.938	4.145E	3.661	3.862	2.774E	20
21	3.828	3.935E	3.688E	4.261	6.645E	6.096E	5.703	4.941	4.221	3.627	3.758E	2.646	21
22	3.935	3.978E	3.624E	4.462	6.806	6.160	5.709	4.862E	4.188	3.560	3.731E	3.216	22
23	4.145	4.002	3.612	4.648	7.041E	6.099	5.709	4.801E	4.090	3.569	3.752	3.319	23
24	4.234E	4.002	3.615	5.047	7.163E	6.035	5.660	4.755	3.953	3.566E	3.743	3.213	24
25	4.285E	3.941	3.612	5.243E	7.349	6.072	5.624E	4.700	3.862	3.505E	3.679	---	25
26	4.240	3.883	3.618	5.486E	7.529	5.947	5.596E	4.666	3.780E	3.453	3.645	---	26
27	4.191	3.825	3.673	5.870	7.782	5.880E	5.587	4.718	3.719E	3.523	3.594	---	27
28	4.182	3.783E	3.810E	5.279	7.916	5.852E	5.550	4.727	3.694	3.633	3.505E	---	28
29	3.941		3.908E	5.169	7.681	5.828	5.593	4.724E	3.645	3.676	3.463E	---	29
30	3.935		4.188	5.169	7.742E	5.773	5.617	4.602E	3.594	3.642	3.469	---	30
31	3.923E		4.282		7.663E		5.560E	4.499		3.773E		---	31
MEAN	4.126	3.761	3.713	4.339	6.296	6.453	5.713	5.047	4.097	3.607	3.953	---	MEAN
MAX	5.334	4.002	4.282	5.870	7.916	7.660	6.178	5.511	4.426	3.773	4.523	---	MAX
MIN	3.755	3.530	3.472	3.719	5.221	5.773	5.221	4.499	3.594	3.453	3.463	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.916 ON MAY 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 26 N
LONG 122 29 52 W

E - ESTIMATED

REGULATED SINCE 1952

DRAINAGE AREA,
97 900 km²

97 900 ²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 461.772 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT RED PASS - STATION NO. 08KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.5 E	8.82	6.82	6.08	19.8E	178	126	124	72.3	23.8E	19.9	10.6	1
2	17.0 E	8.61	6.82	6.09E	22.5	184	133	120	78.5	24.4	29.1	11.4	2
3	15.6	8.40	6.64	6.09E	24.6	187	157E	112	76.9	24.4	32.4	11.2 E	3
4	14.9	8.19	6.64	6.08	25.2	184	182	109	75.4	23.8	31.7	11.1 E	4
5	14.6	8.13E	6.63E	6.08	25.2	176	189	104	74.6	23.3	29.2E	10.9	5
6	14.6	8.04E	6.63E	5.89	25.2	158	181	102	70.0	21.3	26.9E	10.9	6
7	14.1	7.98	6.64	5.89	25.4E	148	166	101	67.7	23.8E	24.9	10.9	7
8	13.7 E	7.77	6.64	5.89	25.6E	133	149	105	63.9	20.8E	23.3	10.6	8
9	13.3 E	7.56	6.45	5.89E	25.8	121	133E	108	69.3	20.4	22.3	10.9	9
10	12.8	7.56	6.64	5.89E	26.9	112	118E	108	68.0E	19.5	19.5	10.5 E	10
11	12.3	7.35	6.45	5.89	29.4	106	102	108	66.8E	18.6	19.0	10.3 E	11
12	12.1	7.36E	6.46E	5.89	30.0	104 E	105	111	65.5	18.1	19.9	9.94	12
13	11.9	7.36E	6.46E	5.89	32.1	102	112	110 E	58.6	17.2	20.8	9.71	13
14	11.6	7.35	6.45	5.89	38.2E	101	122	111	54.0	16.4	20.8	9.26	14
15	11.4	7.14	6.45	5.89	44.5E	109	125	105	53.2E	16.0E	23.3E	9.03	15
16	10.8 E	6.82	6.45	5.95E	50.7	114	130E	104	52.7E	14.9	19.3	8.82	16
17	10.2	7.45	6.45	6.00E	57.4	111	134E	101	51.8	14.6	16.8	8.81E	17
18	10.2	7.45	6.45	6.08	68.9	106 E	139	97.6	52.5	14.1	15.4	8.67E	18
19	9.94	7.45	6.46E	6.08	78.8	99.9	151	93.0	56.3	14.6	15.0E	8.61	19
20	9.94	7.45E	6.46E	6.08	95.7	95.3	153	93.7E	60.1	14.9	14.9	8.61	20
21	9.71	7.45	6.45	6.82	116	93.0	156	94.5	55.5	14.6	14.6	8.40	21
22	9.71E	7.45	6.17	7.03	137	85.3	155	91.4	51.8	14.1E	14.5	8.61	22
23	9.71E	7.66	5.98	8.75E	174	84.6	147	87.6	42.6	13.9	14.4	8.86E	23
24	9.71	7.87	5.98	10.5 E	183	84.2	141	85.3	37.8	13.6	14.0	9.71E	24
25	9.71	7.45	5.98	12.2	191	86.9	137	86.1	33.8	13.6	13.1	9.15E	25
26	9.71	7.31E	5.98	13.5	205	99.1	132	91.1	30.4	13.6	12.6E	8.61	26
27	9.71	7.16E	5.97E	13.7	206	107	126	91.4	28.2E	14.1	12.1E	8.89E	27
28	9.49	7.03	5.98	14.0	185 E	108	129	86.9	26.1	13.9	11.6	8.61	28
29	9.26		5.89	14.2	164	107	132	80.0	24.9	14.8E	11.4	8.19	29
30	9.26		6.08	17.0 E	162	116 E	131E	80.7	23.3	14.9E	11.1	7.98	30
31	9.03		6.08		174		130	76.9		15.6		7.98	31
TOTAL	364.49	213.62	197.63	237.21	2 668.9	3 600.3	4 323	3 079.2	1 642.5	581.2	573.8	295.75	TOTAL
MEAN	11.8	7.63	6.38	7.91	86.1	120	139	99.3	54.8	17.5	19.1	9.54	MEAN
MAX	18.5	8.82	6.82	17.0	206	187	189	124	78.5	24.4	32.4	11.4	MAX
MIN	9.03	6.82	5.89	5.89	19.8	84.2	102	76.9	23.3	13.6	11.1	7.98	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.6
MAXIMUM DAILY, 206 ON MAY 27
MINIMUM DAILY, 5.89 ON MAR 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 55 N
LONG 119 00 15 W
DRAINAGE AREA, 1 700 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 500	JUL	374 000
FEB	18 500	AUG	266 000
MAR	17 100	SEP	142 000
APR	20 500	OCT	46 800
MAY	231 000	NOV	49 600
JUN	311 000	DEC	25 600

TOTAL DISCHARGE, 1 530 000 dam³

FRASER RIVER AT SHELLEY - STATION NO. 08KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	850B	345B	260B	370B	1 110	2 780	1 300	1 120	551	299	454	270B	1
2	720B	325B	250B	365B	1 290	2 760	1 350	1 040	577	315	638	265B	2
3	640B	315B	250B	360B	1 350	2 550	1 340	977	623	338	674	260B	3
4	580B	300B	245B	355B	1 320	2 430	1 390	917	639	337	719	255B	4
5	540B	290B	240B	350B	1 270	2 430	1 590	876	604	330	771	250B	5
6	510B	280B	240B	345B	1 310	2 300	1 620	841	548	320	699	246B	6
7	490B	270B	235B	335B	1 330	2 130	1 550	819	527	312	605	243B	7
8	460B	260B	230B	325B	1 310	1 980	1 510	831	525	300	548	239B	8
9	440B	255B	225B	315B	1 340	1 760	1 340	850	530	299	526	235B	9
10	420B	245B	220B	305B	1 440	1 580	1 140	876	559	305	535	233B	10
11	400B	235B	220B	300B	1 410	1 470	996	897	600	309	526	229B	11
12	385B	230B	219B	295B	1 310	1 460	913	913	608	309	496	227B	12
13	375B	225B	218B	285B	1 280	1 480	914	933	567	300	515	224B	13
14	365B	220B	217B	313	1 360	1 430	978	935	511	292	519	221B	14
15	350B	220B	217B	319	1 510	1 370	1 050	903	460	283	511	219B	15
16	345B	225B	217B	355	1 670	1 400	1 110	854	427	275	499	216B	16
17	335B	230B	218B	386	1 760	1 500	1 120	820	414	279	478	214B	17
18	325B	240B	218B	428	1 790	1 490	1 140	796	439	307	454	212B	18
19	320B	250B	219B	460	1 850	1 390	1 190	772	488	326	422	211B	19
20	315B	270B	219B	502	1 950	1 330	1 270	760	548	325	390	210B	20
21	315B	285B	220B	576	2 100	1 390	1 330	754	562	311	375	209B	21
22	315B	295B	220B	683	2 330	1 380	1 310	732	535	297	363	208B	22
23	325B	295B	225B	766	2 610	1 310	1 290	693	475	283	352	207B	23
24	345B	290B	225B	1 160	2 650	1 280	1 230	658	411	273	341	206B	24
25	370B	285B	230B	1 580	2 670	1 280	1 170	661	374	269	328	205B	25
26	410B	280B	235B	1 500	2 800	1 230	1 120	694	350	276	316	204B	26
27	430B	275B	250B	1 240	3 050	1 220	1 080	735	331	304	307	203B	27
28	425B	270B	265B	1 080	3 050	1 210	1 070	766	315	331	305	199B	28
29	400B		285B	1 060	2 670	1 210	1 090	751	302	341	298	192B	29
30	375B		315B	1 060	2 320	1 220	1 140	660	298	342	275	189B	30
31	360B		375B		2 400		1 180	578		346		183B	31
TOTAL	13 235	7 505	7 422	17 773	57 610	49 750	37 821	25 412	14 704	9 533	14 239	6 884	TOTAL
MEAN	427	268	239	592	1 860	1 660	1 220	820	490	308	475	222	MEAN
MAX	850	345	375	1 580	3 050	2 780	1 620	1 120	639	346	771	270	MAX
MIN	315	220	217	285	1 110	1 210	913	578	298	269	275	183	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 718
MAXIMUM DAILY, 3 050 ON MAY 27
MINIMUM DAILY, 183B ON DEC 31
MAXIMUM INSTANTANEOUS,
3 140 AT 00:16 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 40 N
LONG 122 37 00 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 140 000	JUL	3 270 000
FEB	648 000	AUG	2 200 000
MAR	641 000	SEP	1 270 000
APR	1 540 000	OCT	824 000
MAY	4 980 000	NOV	1 230 000
JUN	4 300 000	DEC	595 000

TOTAL DISCHARGE, 22 600 000 dam³

FRASER RIVER AT SOUTH FORT GEORGE - STATION NO. 08KE018

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.484	4.073	3.916	4.553	5.706	8.042	6.388	6.233	4.794	3.843	4.191	3.470	1
2	5.237	4.039	3.892	4.506	5.991	8.103	6.460	6.123	4.818	3.940	4.686	3.522	2
3	4.986	3.988	3.866	4.448	6.107	7.876	6.451	6.017	4.907	4.018	4.766	3.462	3
4	4.776	3.902	3.823	4.373	6.083	7.732	6.496	5.912	4.923	3.989	4.839	3.324	4
5	4.623	3.853	3.830	4.332	6.006	7.728	6.725	5.799	4.865	3.954	4.986	3.314	5
6	4.529	3.821	3.813	4.287	6.039	7.599	6.809	5.703	4.711	3.900	4.845	3.461	6
7	4.497	3.809	3.770	4.234	6.090	7.386	6.725	5.647	4.643	3.849	4.647	3.427	7
8	4.467	3.772	3.738	4.180	6.058	7.197	6.665	5.644	4.626	3.811	4.494	3.434	8
9	4.450	3.710	3.719	4.144	6.101	6.956	6.483	5.694	4.624	3.825	4.417	3.319	9
10	4.359	3.621	3.705	4.099	6.248	6.728	6.229	5.790	4.681	3.843	4.455	3.239	10
11	4.296	3.547	3.702	4.046	6.231	6.590	6.000	5.883	4.758	3.864	4.432	3.134	11
12	4.266	3.525	3.717	3.995	6.095	6.573	5.849	5.961	4.787	3.862	4.342	3.109	12
13	4.199	3.577	3.727	3.911	6.037	6.633	5.811	6.024	4.700	3.815	4.401A	3.106	13
14	4.145	3.641	3.724	3.888	6.138	6.584	5.879	6.014	4.537	3.766	4.410	3.105	14
15	4.065	3.706	3.783	3.866	6.355	6.508	5.974	5.915	4.426	3.725	4.376	3.095	15
16	3.986	3.744	3.836	3.904	6.593	6.535	6.051	5.787	4.321	3.698	4.353	3.135	16
17	3.891	3.871	3.889	4.043	6.754	6.665	6.072	5.670	4.283	3.730	4.306	3.123	17
18	3.891	4.033	3.970	4.185	6.795	6.679	6.083	5.589	4.351	3.879	4.253	3.150	18
19	3.955	4.159	3.964	4.266	6.857	6.569	6.140	5.550	4.476	3.914	4.142	3.240	19
20	4.014	4.203	3.938	4.407	6.982	6.495	6.249	5.529	4.606	3.887	4.047	3.344	20
21	4.040	4.291	3.892	4.627	7.196	6.547	6.327	5.517	4.644	3.819	3.998	3.299	21
22	4.133	4.344	3.852	4.888	7.461	6.578	6.309	5.463	4.570	3.757	3.972	3.341	22
23	4.239	4.324	3.808	5.074	7.799	6.494	6.268	5.367	4.398	3.698	3.941	3.401	23
24	4.284	4.273	3.793	5.726	7.881	6.438	6.225	5.264	4.233	3.655	3.897	3.447	24
25	4.400	4.175	3.763	6.424	7.897	6.427	6.212	5.219	4.125	3.653	3.849	3.418	25
26	4.423	4.112	3.796	6.392	8.026	6.382	6.207	5.235	4.046	3.702	3.793	3.403	26
27	4.455	4.025	3.848	6.010	8.296	6.345	6.185	5.281	3.975	3.823	3.702	3.396	27
28	4.394	3.958	3.982	5.716	8.369	6.327	6.164	5.303	3.913	3.914	3.683	3.348	28
29	4.324		4.218	5.645	8.000	6.307	6.180	5.260	3.859	3.930	3.658	3.263	29
30	4.196		4.529	5.642	7.583	6.309	6.239	5.078	3.841	3.925	3.495	3.215	30
31	4.141		4.587		7.584		6.302	4.881		3.920		3.148	31
MEAN	4.360	3.932	3.884	4.660	6.818	6.844	6.263	5.628	4.481	3.836	4.246	3.297	MEAN
MAX	5.484	4.344	4.587	6.424	8.369	8.103	6.809	6.233	4.923	4.018	4.986	3.522	MAX
MIN	3.891	3.525	3.702	3.866	5.706	6.307	5.811	4.881	3.841	3.653	3.495	3.095	MIN

WATER LEVELS IN METRES

MEAN, 4.859
MAXIMUM DAILY, 8.369 ON MAY 28
MINIMUM DAILY, 3.095 ON DEC 15
MAXIMUM INSTANTANEOUS,
8.425 AT 06:15 PST ON MAY 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 557.784 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 54 04 N
LONG 122 44 00 W

A - MANUAL GAUGE

REGULATED SINCE 1952

DRAINAGE AREA,
79 500 km²

79 500 ²

FRASER RIVER NEAR AGASSIZ - STATION NO. 08MF035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 670	1 700	1 490	1 590	3 150	7 630	4 910	4 390	2 660	1 670	2 150	1 490	1
2	2 650	1 640	1 450	1 670	3 120	7 720	4 790	4 400	2 580	1 810	1 990	1 520	2
3	2 590	1 600	1 420	1 680	3 060	8 060	4 920	4 330	2 470	1 670	1 870	1 440	3
4	2 450	1 540	1 400	1 660	3 170	8 240	5 030	4 210	2 440	1 620	2 040	1 400	4
5	2 290	1 520	1 390	1 680	3 220	7 870	5 060	4 070	2 480	1 650	2 200	1 530	5
6	2 150	1 480	1 370	1 650	3 220	7 850	5 050	3 930	2 500	1 740	2 270	1 540	6
7	2 010	1 440	1 350	1 610	3 160	7 570	5 200	3 780	2 470	1 870	2 300	1 430	7
8	1 960	1 400	1 340	1 580	3 150	7 330	5 300	3 650	2 410	1 810	2 300	1 390	8
9	1 910	1 390	1 320	1 570	3 240	7 060	5 170	3 550	2 310	1 770	2 190	1 360	9
10	1 860	1 330	1 310	1 540	3 230	6 770	5 080	3 510	2 260	1 730	2 090	1 450	10
11	1 820	1 260	1 290	1 520	3 260	6 390	4 890	3 550	2 220	1 700	2 070	1 410	11
12	1 770	1 200	1 280	1 490	3 350	5 940	4 570	3 590	2 220	1 680	2 380	1 320	12
13	1 720	1 210	1 280	1 470	3 510	5 740	4 330	3 620	2 230	1 650	2 220	1 220	13
14	1 680	1 310	1 280	1 440	3 470	5 560	4 220	3 680	2 230	1 630	2 080	1 200	14
15	1 640	1 430	1 280	1 410	3 570	5 480	4 160	3 700	2 200	1 610	2 110	1 180	15
16	1 580	1 550	1 290	1 450	3 660	5 460	4 170	3 690	2 110	1 580	2 130	1 150	16
17	1 540	1 800	1 290	1 440	3 820	5 400	4 250	3 630	2 030	1 550	2 070	1 120	17
18	1 480	1 680	1 320	1 420	4 100	5 330	4 320	3 500	1 960	1 510	2 010	1 100	18
19	1 470	1 790	1 340	1 460	4 480	5 550	4 390	3 370	1 910	1 500	1 960	1 130	19
20	1 460	1 780	1 360	1 550	4 820	5 580	4 450	3 300	1 920	1 490	1 920	1 200	20
21	1 500	1 700	1 370	1 600	5 170	5 420	4 490	3 220	1 980	1 500	1 900	1 200	21
22	1 610	1 680	1 370	1 690	5 500	5 250	4 570	3 150	2 030	1 520	1 870	1 190	22
23	1 740	1 660	1 360	1 920	5 830	5 340	4 670	3 110	2 060	1 490	1 810	1 140	23
24	1 760	1 670	1 350	2 340	6 360	5 250	4 740	3 070	2 030	1 450	1 740	1 090	24
25	1 790	1 660	1 340	2 380	7 220	5 160	4 790	2 990	1 950	1 420	1 690	1 100	25
26	1 810	1 620	1 320	2 560	7 650	5 130	4 700	2 870	1 850	1 440	1 660	1 150	26
27	1 820	1 570	1 310	3 020	7 660	5 110	4 640	2 820	1 770	1 440	1 610	1 160	27
28	1 830	1 520	1 310	3 260	7 960	5 010	4 560	2 750	1 780	1 550	1 560	1 150	28
29	1 830		1 340	3 200	8 470	4 980	4 480	2 750	1 720	1 580	1 530	1 120	29
30	1 800		1 390	3 030	8 750	5 010	4 390	2 740	1 650	1 560	1 480	1 090	30
31	1 760		1 480		8 380		4 390	2 730		1 770		989	31
TOTAL	57 950	43 130	41 790	55 880	148 710	184 190	144 680	107 650	64 430	49 960	59 200	38 959	TOTAL
MEAN	1 870	1 540	1 350	1 860	4 800	6 140	4 670	3 470	2 150	1 610	1 970	1 260	MEAN
MAX	2 670	1 800	1 490	3 260	8 750	8 240	5 300	4 400	2 660	1 870	2 380	1 540	MAX
MIN	1 460	1 200	1 280	1 410	3 060	4 980	4 160	2 730	1 650	1 420	1 480	989	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 730
MAXIMUM DAILY, 8 750 ON MAY 30
MINIMUM DAILY, 989 ON DEC 31
MAXIMUM INSTANTANEOUS,
8 770 AT 10:06 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 16 N
LONG 121 46 35 W
DRAINAGE AREA, 218 000 km²

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 010 000	JUL	12 500 000
FEB	3 730 000	AUG	9 300 000
MAR	3 610 000	SEP	5 570 000
APR	4 830 000	OCT	4 320 000
MAY	12 800 000	NOV	5 110 000
JUN	15 900 000	DEC	3 370 000

TOTAL DISCHARGE, 86 100 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER NEAR HARGUERITE - STATION NO. 08MC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 130E	821E	685	966	1 640	3 940	2 410	2 220	1 160	617	643	532	1
2	1 100E	793E	651	946	1 710	4 210	2 390	2 160	1 090	617	736	487	2
3	1 100E	765E	634	926	1 930	4 180	2 450	2 040	1 090	617	1 040	476	3
4	1 050E	736E	634	889	2 000	3 980	2 440	1 980	1 170	685	1 100	476	4
5	1 020E	708E	617	855	1 980	3 870	2 440	1 870	1 170	668	1 130	464	5
6	1 010	680E	600	830	1 910	3 840	2 620	1 810	1 160	660	1 220	464	6
7	991E	651E	600	818	1 930	3 700	2 690	1 710	1 060	643	1 150	464	7
8	963E	623E	583	796	1 980	3 500	2 620	1 660	1 010	626	1 040	464	8
9	934E	623E	583	775	1 950	3 330	2 560	1 660	1 010	609	966	453	9
10	906E	595E	566	753	1 980	3 090	2 440	1 680	995	626	898	442	10
11	878E	595E	561	736	2 070	2 890	2 190	1 740	1 030	626	906	430	11
12	850E	595E	555	736	2 070	2 790	2 010	1 790	1 040	626	906	419	12
13	821E	595E	555	685	1 980	2 720	1 900	1 830	1 060	617	881	408	13
14	793E	595E	555	668	1 950	2 750	1 870	1 850	1 030	600	898	408	14
15	765E	623E	566	651	2 010	2 690	1 910	1 870	946	583	906	396	15
16	765E	623E	600	634	2 160	2 620	1 980	1 810	898	566	898	396	16
17	765E	651E	639	651	2 340	2 620	2 020	1 740	847	544	898	394B	17
18	765E	651E	651	685	2 500	2 740	2 050	1 650	821	544	872	391B	18
19	765E	680E	668	770	2 560	2 720	2 050	1 570	838	592	838	388B	19
20	793E	680E	668	821	2 620	2 620	2 080	1 530	889	617	804	385B	20
21	821E	708E	668	889	2 790	2 590	2 160	1 520	946	617	753	382B	21
22	850E	736E	634	985	2 960	2 620	2 250	1 510	985	592	719	382B	22
23	898	765E	634	1 130	3 260	2 660	2 220	1 490	946	561	702	382B	23
24	906E	793E	617	1 140	3 570	2 590	2 190	1 440	889	544	685	379B	24
25	934E	799	600	1 710	3 670	2 560	2 160	1 370	804	532	660	379B	25
26	934E	770	583	2 240	3 770	2 530	2 100	1 340	753	527	643	379B	26
27	934E	753	600	2 190	4 030	2 470	2 100	1 330	719	544	617	382B	27
28	906E	719	626	1 860	4 330	2 440	2 070	1 380	685	566	566	382B	28
29	878E		685	1 680	4 320	2 380	2 050	1 380	660	617	544	379B	29
30	872		787	1 630	4 040	2 340	2 100	1 360	634	634	549	374B	30
31	850E		934		3 770		2 160	1 260		643		368B	31
TOTAL	27 947	19 326	19 539	31 045	81 780	89 980	68 680	51 550	28 335	18 660	25 168	12 905	TOTAL
MEAN	902	690	630	1 030	2 640	3 000	2 220	1 660	945	602	839	416	MEAN
MAX	1 130	821	934	2 240	4 330	4 210	2 690	2 220	1 170	685	1 220	532	MAX
MIN	765	595	555	634	1 640	2 340	1 870	1 260	634	527	544	368	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 300
MAXIMUM DAILY, 4 330 ON MAY 28
MINIMUM DAILY, 368B ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 31 48 N
LONG 122 26 32 W
DRAINAGE AREA, 114 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 410 000	JUL	5 930 000
FEB	1 670 000	AUG	4 450 000
MAR	1 690 000	SEP	2 450 000
APR	2 680 000	OCT	1 610 000
MAY	7 070 000	NOV	2 170 000
JUN	7 770 000	DEC	1 110 000

TOTAL DISCHARGE, 41 000 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRY CREEK BELOW CARNEY CREEK - STATION NO. 08NH130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.65	2.94	2.46B	3.74	43.3	63.1	92.3	43.3	22.0	8.01	7.42	3.49	1
2	5.89	2.94	2.46B	3.79	42.2	65.1	64.3	41.6	20.2	17.7	7.49	3.43	2
3	5.07	2.89	2.44B	3.77	30.6	72.2	72.5	42.2	16.6	12.7	7.38	3.38	3
4	4.90B	2.86B	2.44B	3.68	25.7	70.2	104	42.5	15.3	10.7	7.16	3.36	4
5	4.67B	2.83B	2.41B	3.62	23.5	58.0	124	39.9	15.0	9.60	6.53	3.32	5
6	4.50B	2.78B	2.41B	3.57	21.1	62.9	114	41.9	13.7	8.95	6.32	3.34	6
7	4.42B	2.72B	2.38B	3.57	19.4	56.6	92.6	45.3	13.5	9.29	6.22	3.36	7
8	4.30B	2.66B	2.32B	3.48	18.3	48.4	60.0	46.7	13.7	10.4	6.08	3.37	8
9	4.16B	2.69B	2.18B	3.43	17.9	44.2	47.6	45.0	14.7	10.4	5.98	3.51	9
10	4.05B	2.52B	2.24B	3.45	17.3	41.1	42.2	41.6	15.6	10.0	5.69	3.82	10
11	3.94B	2.44B	2.29B	3.37	18.2	37.4	45.6	41.1	13.9	9.57	5.56	3.71	11
12	3.85B	2.52B	2.41B	3.31	18.8	35.7	51.8	40.2	13.2	9.12	5.58	3.10	12
13	3.82B	2.58B	2.44B	3.26	20.0	37.7	79.0	40.5	12.2	8.27	5.62	2.10	13
14	3.79B	2.63B	2.72B	3.11	23.8	38.2	73.9	37.7	11.3	8.07	5.53	4.08	14
15	3.77B	2.69B	3.06	3.20	35.7	43.9	59.2	35.7	10.8	8.03	5.53	3.95	15
16	3.74B	2.72B	3.23	3.71	37.4	54.4	62.3	35.4	11.0	7.99	5.60	3.35	16
17	3.68B	2.63B	3.31	3.68	36.0	47.9	67.7	32.0	11.7	8.01	5.50	2.80	17
18	3.62B	2.61B	3.26	3.94	43.3	39.9	71.4	30.0	12.6	7.88	5.45	3.40B	18
19	3.60B	2.75B	3.26	4.76	58.6	36.5	68.2	30.3	17.3	7.89	5.28	3.31B	19
20	3.57B	2.75B	3.26	5.80	72.8	37.7	62.3	45.0	15.3	7.52	5.17	3.26B	20
21	3.51B	2.66B	3.28	6.77	81.0	35.7	58.6	32.3	12.1	6.67	5.10	3.17	21
22	3.43B	2.61B	3.31	6.97	82.4	34.3	59.7	25.8	11.6	6.21	5.03	3.08	22
23	3.62B	2.49B	3.31	9.09	84.7	34.8	56.4	24.4	10.9	6.10	5.06	2.86	23
24	4.42	2.52B	3.31	25.0	99.0	34.3	56.4	25.0	9.97	6.03	4.74	2.89B	24
25	4.30	2.52B	3.31	21.5	113	40.5	62.6	27.3	9.03	6.09	3.65	2.86B	25
26	4.05	2.52B	3.34	16.7	129	57.2	53.0	26.3	8.35	7.15	3.67	2.80B	26
27	4.02	2.49B	3.37	14.6	91.2	61.2	61.2	23.5	7.79	7.41	3.36	2.72B	27
28	3.88	2.49B	3.34	13.8	77.0	52.4	77.3	19.3	7.67	7.78	3.23	2.69B	28
29	3.88		3.51	13.8	75.9	51.3	64.0	18.2	7.73	8.40	3.43	2.65	29
30	3.74		3.77	16.8	83.0	66.8	57.8	18.3	7.73	7.86	3.48	2.74	30
31	3.65		3.74		81.8		48.1	16.0		7.45		2.58	31
TOTAL	128.49	74.45	90.57	219.27	1 621.9	1 459.6	2 110.0	1 054.3	382.47	267.25	161.84	98.48	TOTAL
MEAN	4.14	2.66	2.92	7.31	52.3	48.7	68.1	34.0	12.7	8.62	5.39	3.18	MEAN
MAX	6.65	2.94	3.77	25.0	129	72.2	124	46.7	22.0	17.7	7.49	4.08	MAX
MIN	3.43	2.44	2.18	3.11	17.3	34.3	42.2	16.0	7.67	6.03	3.23	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.0
MAXIMUM DAILY, 129 ON MAY 26
MINIMUM DAILY, 2.10 ON DEC 13
MAXIMUM INSTANTANEOUS,
149 AT 01:20 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 53 N
LONG 116 47 05 W
DRAINAGE AREA, 461 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 100	JUL	182 000
FEB	6 430	AUG	91 100
MAR	7 830	SEP	33 000
APR	18 900	OCT	23 100
MAY	140 000	NOV	14 000
JUN	126 000	DEC	8 510

TOTAL DISCHARGE, 662 000 dam³

GARNET LAKE NEAR SUMMERLAND - STATION NO. 08NM227

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.760	9.863	9.979E	---	---	10.089	---	---	---	---	---	---	1
2	9.760	9.863	9.982	---	---	---	---	---	---	---	---	---	2
3	9.766	9.866	---	---	---	---	---	9.808	---	---	---	---	3
4	9.769	9.869	---	---	9.979	---	---	---	---	---	---	---	4
5	9.772	9.872	---	---	---	---	---	---	---	---	---	---	5
6	9.778	9.876	---	9.997	---	---	9.961	---	---	---	---	---	6
7	9.781	9.876	---	---	---	---	---	---	9.373	---	---	---	7
8	9.784	9.879	---	---	---	10.058	---	---	---	---	---	---	8
9	9.790	9.879	10.000	---	---	---	---	---	---	---	---	---	9
10	9.793	9.876	---	---	---	---	---	9.723	---	---	---	---	10
11	9.796	9.869	---	---	9.976	---	---	---	---	---	---	---	11
12	9.799	9.869	---	---	---	---	---	---	---	---	---	---	12
13	9.799	9.872	---	10.022	---	---	9.906	---	---	---	---	---	13
14	9.802	9.872	---	---	---	---	---	---	9.296	---	---	---	14
15	9.802	9.872	---	---	---	10.071	---	---	---	---	---	---	15
16	9.802	9.869	9.997	---	---	---	---	---	---	---	---	---	16
17	9.802	9.876	---	---	---	---	---	9.589	---	---	---	---	17
18	9.812	9.897	---	---	9.979	---	---	---	---	---	---	---	18
19	9.815	9.903	---	---	---	---	---	---	---	---	---	---	19
20	9.815	9.909	---	10.040	---	---	---	---	---	---	---	---	20
21	9.821	9.909	---	---	---	---	9.930	---	9.278	---	---	---	21
22	9.827	9.909	---	---	---	10.058	---	---	---	---	---	---	22
23	9.833	9.912	9.997	---	---	---	---	---	---	---	---	---	23
24	9.836	9.924	---	---	---	---	---	9.449	---	---	---	---	24
25	9.839	9.936	---	---	10.022	---	---	---	---	---	---	---	25
26	9.851	9.955	---	---	---	---	---	---	---	---	---	---	26
27	9.845	9.961	---	10.040	---	---	9.876	---	---	---	---	---	27
28	9.845	9.970	---	---	---	---	---	---	9.321	---	---	---	28
29	9.854		---	---	---	10.034	---	---	---	---	---	---	29
30	9.857		9.997	---	---	---	---	---	---	---	---	---	30
31	9.860		---		---		---	9.345		---		---	31
MEAN	9.809	9.893	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	9.860	9.970	---	---	---	---	---	---	---	---	---	---	MAX
MIN	9.760	9.863	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 41 11 N
LONG 119 46 29 W

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GEDDES CREEK AT THE MOUTH - STATION NO. 10BE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.114B	0.100B	0.115B	0.172B	0.373	0.444	0.258	0.194	0.394	0.232	0.222B	0.180B	1
2	0.115B	0.102B	0.119B	0.176B	0.444	0.369	0.259	0.183	0.333	0.231	0.216B	0.174B	2
3	0.115B	0.102B	0.120B	0.175B	0.560E	0.325	0.282	0.182	0.279	0.233	0.208B	0.169B	3
4	0.113B	0.101B	0.114B	0.170B	0.690E	0.347	0.268	0.187	0.260	0.222	0.210B	0.167B	4
5	0.107B	0.100B	0.111B	0.168B	0.775E	0.355	0.259	0.178	0.248	0.215	0.220B	0.170B	5
6	0.102B	0.101B	0.111B	0.169B	0.940E	0.317	0.281	0.171	0.247	0.216	0.226B	0.170B	6
7	0.100B	0.099B	0.115B	0.169B	0.920E	0.434	0.266	0.164	0.242	0.214	0.218B	0.167B	7
8	0.099B	0.095B	0.123B	0.167B	0.930E	0.268	0.264	0.159	0.236	0.214	0.200B	0.159B	8
9	0.100B	0.092B	0.132B	0.163B	0.945E	0.240	0.251	0.158	0.271	0.222	0.192B	0.157B	9
10	0.103B	0.089B	0.142B	0.160B	0.955E	0.242	0.250	0.152	0.276	0.227	0.197B	0.160B	10
11	0.108B	0.088B	0.147B	0.161A	0.966	0.259	0.229	0.153	0.256	0.227	0.205B	0.162B	11
12	0.109B	0.088B	0.149B	0.137	0.926	0.251	0.223	0.150	0.241	0.229	0.212B	0.160B	12
13	0.107B	0.090B	0.150B	0.138	0.859	0.244	0.219	0.150	0.228	0.238	0.203B	0.158B	13
14	0.103B	0.095B	0.150B	0.136	0.756	0.291	0.219	0.150	0.227	0.238	0.195B	0.161B	14
15	0.101B	0.102B	0.149B	0.134	0.670	0.482	0.212	0.154	0.246	0.244	0.200B	0.165B	15
16	0.101B	0.107B	0.148B	0.134	0.616	0.507	0.207	0.146	0.239	0.262	0.205B	0.170B	16
17	0.105B	0.109B	0.147B	0.124	0.559	0.412	0.197	0.149	0.234	0.253	0.200B	0.174B	17
18	0.106B	0.108B	0.143B	0.115	0.513	0.368	0.196	0.150	0.240	0.286	0.204B	0.179B	18
19	0.106B	0.105B	0.138B	0.112	0.453	0.337	0.203	0.160	0.240	0.274	0.206B	0.181B	19
20	0.105B	0.106B	0.132B	0.116	0.422	0.419	0.181	0.151	0.221	0.251	0.200B	0.178B	20
21	0.108B	0.111B	0.130B	0.121	0.387	0.458	0.185	0.146	0.216	0.238	0.194B	0.168B	21
22	0.109B	0.113B	0.131B	0.122	0.496	0.380	0.258	0.147	0.214	0.232	0.187B	0.155B	22
23	0.108B	0.111B	0.133B	0.130	0.498	0.369	0.178	0.149	0.213	0.230A	0.178B	0.154B	23
24	0.106B	0.113B	0.143B	0.142	0.427	0.331	0.154	0.146	0.216	0.225B	0.174B	0.156B	24
25	0.100B	0.112B	0.158B	0.161	0.421	0.314	0.171	0.150	0.214	0.222B	0.179B	0.158B	25
26	0.093B	0.111B	0.163B	0.185	0.383	0.319	0.172	0.152	0.213	0.221B	0.188B	0.156B	26
27	0.087B	0.116B	0.167B	0.193	0.350	0.302	0.181	0.220	0.214	0.220B	0.200B	0.150B	27
28	0.085B	0.116B	0.169B	0.209	0.327	0.286	0.223	0.522	0.213	0.216B	0.205B	0.146B	28
29	0.086B		0.164B	0.251	0.348	0.281	0.207	0.350	0.211	0.211B	0.199B	0.144B	29
30	0.090B		0.163B	0.286	0.320	0.278	0.188	0.281	0.219	0.215B	0.189B	0.141B	30
31	0.095B		0.166B		0.511		0.182	0.270		0.218B		0.138B	31
TOTAL	3.186	2.882	4.342	4.796	18.740	10.229	6.823	5.774	7.291	7.176	6.032	5.027	TOTAL
MEAN	0.103	0.103	0.140	0.160	0.605	0.341	0.220	0.186	0.243	0.231	0.201	0.162	MEAN
MAX	0.115	0.116	0.169	0.286	0.966	0.507	0.282	0.522	0.394	0.286	0.226	0.181	MAX
MIN	0.085	0.088	0.111	0.112	0.320	0.240	0.154	0.146	0.211	0.211	0.174	0.138	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.225
MAXIMUM DAILY, 0.966 ON MAY 11
MINIMUM DAILY, 0.085B ON JAN 28
MAXIMUM INSTANTANEOUS,
1.01 AT 22:20 PST ON MAY 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 54 N
LONG 126 40 00 W
DRAINAGE AREA, 77.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	275	JUL	590
FEB	249	AUG	499
MAR	375	SEP	630
APR	414	OCT	620
MAY	1 620	NOV	521
JUN	884	DEC	434

TOTAL DISCHARGE, 7 110 dam³

GLADWIN CREEK ABOVE DIVERSIONS - STATION NO. 08LF088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.188A	0.055	0.046	---	---	---	1
2	---	---	---	---	---	---	0.175E	0.052	0.035	---	---	---	2
3	---	---	---	---	---	---	0.174E	0.050	0.032	---	---	---	3
4	---	---	---	---	---	---	0.174E	0.049	0.033	---	---	---	4
5	---	---	---	---	---	---	0.157E	0.050	0.032	---	---	---	5
6	---	---	---	---	---	---	0.130A	0.045	0.031	---	---	---	6
7	---	---	---	---	---	---	0.142A	0.043	0.030	---	---	---	7
8	---	---	---	---	---	---	0.128	0.043	0.029	---	---	---	8
9	---	---	---	---	---	---	0.115	0.041	0.029	---	---	---	9
10	---	---	---	---	---	---	0.113	0.040	0.029	---	---	---	10
11	---	---	---	---	---	---	0.111	0.038	0.028	---	---	---	11
12	---	---	---	---	---	---	0.104	0.037	0.028	---	---	---	12
13	---	---	---	---	---	---	0.108	0.036	0.028	---	---	---	13
14	---	---	---	---	---	---	0.110	0.036	0.028	---	---	---	14
15	---	---	---	---	---	---	0.119	0.035	0.027	---	---	---	15
16	---	---	---	---	---	---	0.123	0.035	0.027	---	---	---	16
17	---	---	---	---	---	---	0.110	0.034	0.026	---	---	---	17
18	---	---	---	---	---	---	0.101	0.034	0.026	---	---	---	18
19	---	---	---	---	---	---	0.097	0.032	0.028	---	---	---	19
20	---	---	---	---	---	---	0.092	0.034	0.029	---	---	---	20
21	---	---	---	---	---	---	0.086	0.034	0.030	---	---	---	21
22	---	---	---	---	---	---	0.081	0.033	0.030	---	---	---	22
23	---	---	---	---	---	---	0.080	0.032	0.030	---	---	---	23
24	---	---	---	---	---	---	0.080	0.031	0.029	---	---	---	24
25	---	---	---	---	---	---	0.076	0.030	0.029	---	---	---	25
26	---	---	---	---	---	---	0.070	0.030	0.029	---	---	---	26
27	---	---	---	---	---	---	0.066	0.030	0.038	---	---	---	27
28	---	---	---	---	---	---	0.063	0.030	0.055	---	---	---	28
29	---		---	---	---	---	0.067	0.030	0.025A	---	---	---	29
30	---		---	---	---	---	0.061	0.031	0.024E	---	---	---	30
31	---		---		---		0.057	0.031		---		---	31
TOTAL	---	---	---	---	---	---	3.358	1.161	0.920	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.108	0.037	0.031	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.188	0.055	0.055	---	---	---	MAX
MIN	---	---	---	---	---	---	0.057	0.030	0.024	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 32 N
LONG 121 28 13 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	290
FEB	---	AUG	100
MAR	---	SEP	79.5
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

GLADYS RIVER AT OUTLET OF GLADYS LAKE - STATION NO. 09AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.90B	6.00B	5.20B	5.00B	4.72E	60.8	52.9	25.1	17.4	24.0	17.5	12.7 B	1
2	7.80B	6.00B	5.25B	4.95B	4.76E	61.8	52.0	24.7	17.6	23.4	16.9	12.0 B	2
3	7.75B	6.05B	5.30B	4.95B	4.80E	61.7	50.8	24.0	17.3	23.1	16.7	11.4 B	3
4	7.60B	6.10B	5.35B	4.90B	4.82E	61.3A	49.8	23.6	17.1	22.6	16.6	11.2 B	4
5	7.45B	6.15B	5.40B	4.90B	4.85E	60.2	48.4	23.7	17.4	22.3	16.8	10.8 B	5
6	7.30B	6.20B	5.45B	4.85B	4.88E	59.2	47.0	23.8	17.5	21.7	16.5	10.3 B	6
7	7.25B	6.25B	5.50B	4.80B	4.90E	58.6	45.8	23.4	18.0	21.2	16.0	9.75B	7
8	7.10B	6.30B	5.60B	4.75B	4.96	57.2	44.6	23.3	18.5	20.9	15.6	9.30B	8
9	7.05B	6.30B	5.60B	4.65B	5.60	55.8	43.5	22.9	19.1	20.6	15.5	9.00B	9
10	7.00B	6.35B	5.65B	4.55B	6.08	54.5	42.5	22.2	20.1	20.3	15.5	8.90B	10
11	7.00B	6.30B	5.65B	4.45B	6.81	53.4	41.8	21.7	20.5	20.0	15.4	8.80B	11
12	7.00B	6.25B	5.60B	4.40B	7.66	52.3	40.1	21.1	21.0	19.5	15.2	8.75B	12
13	7.05B	6.20B	5.60B	4.35B	8.59	51.5	39.4	20.7	21.4	19.4	15.0	8.70B	13
14	7.15B	6.10B	5.55B	4.30B	9.87	51.5	38.8	19.9	21.9	19.2	14.8	8.68B	14
15	7.20B	5.90B	5.50B	4.25B	10.8	51.7	38.0	19.1	22.9	19.0	14.3	8.66B	15
16	7.25B	5.75B	5.40B	4.20B	12.1	52.3	37.2	18.9	23.0	19.0	14.2	8.64B	16
17	7.20B	5.65B	5.30B	4.20B	13.7	52.5	36.2	18.4	23.3	18.8	14.3	8.64B	17
18	7.20B	5.60B	5.20B	4.25B	15.3	52.8	35.5	17.7	24.1	18.7	14.3	8.70B	18
19	7.10B	5.60B	5.05B	4.30B	17.5	52.9	34.7	17.5	24.7	18.5	14.2	8.75B	19
20	7.05B	5.70B	4.95B	4.35B	20.1	53.4	33.8	17.2	24.7	18.2	14.2	8.78B	20
21	7.00B	5.70B	4.85B	4.40B	22.8	53.9	32.9	16.8	24.8	18.3	14.2	8.74B	21
22	6.90B	5.75B	4.75B	4.45B	25.9	54.5	32.1	16.5	24.8	18.1	14.2	8.65B	22
23	6.80B	5.70B	4.70B	4.52A	28.8	55.6	31.2	16.1	24.8	17.8	14.2	8.60B	23
24	6.70B	5.60B	4.65B	4.56E	31.5	56.3	30.9	15.8	24.8	17.9	14.2	8.50B	24
25	6.60B	5.45B	4.70B	4.58E	34.5	56.6	30.5	15.5	24.5	18.4	14.0	8.40B	25
26	6.50B	5.35B	4.75B	4.60E	38.0	56.5	29.3	15.2	24.2	18.6	13.8	8.30B	26
27	6.35B	5.30B	4.80B	4.62E	43.2	56.4	27.8	15.3	24.0	18.4	13.5B	8.22B	27
28	6.20B	5.25B	4.85B	4.66E	48.1	55.6	27.3	17.1	23.7	18.3	13.3B	8.15B	28
29	6.05B		4.90B	4.68E	51.8	54.9	26.6	17.3	23.5	18.4	13.2B	8.05B	29
30	6.00B		4.95B	4.70E	55.4	53.9	25.7	17.5	23.5	18.0	13.0B	7.90B	30
31	5.95B		4.95B		58.8		25.5	17.6		17.7		7.80B	31
TOTAL	216.45	164.85	160.95	137.12	611.60	1 669.6	1 172.2	609.6	650.1	610.3	447.1	283.76	TOTAL
MEAN	6.98	5.89	5.19	4.57	19.7	55.7	37.8	19.7	21.7	19.7	14.9	9.15	MEAN
MAX	7.90	6.35	5.65	5.00	58.8	61.8	52.9	25.1	24.8	24.0	17.5	12.7	MAX
MIN	5.95	5.25	4.65	4.20	4.72	51.5	25.5	15.2	17.1	17.7	13.0	7.80	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 61.8 ON JUN 2
MINIMUM DAILY, 4.20B ON APR 16
MAXIMUM INSTANTANEOUS,
62.1 AT 16:52 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 54 20 N
LONG 132 54 50 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 700	JUL	101 000
FEB	14 200	AUG	52 700
MAR	13 900	SEP	56 200
APR	11 800	OCT	52 700
MAY	52 800	NOV	38 600
JUN	144 000	DEC	24 500

TOTAL DISCHARGE, 581 000 dam³

GOAT RIVER NEAR ERICKSON - STATION NO. 08NH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.9	10.3	13.2	22.5	129	121	87.5	19.3	7.48	6.13	7.50	7.87	1
2	21.2	10.3	13.1	21.4	142	109	71.9	18.2	7.62	6.35	7.38	7.89	2
3	18.8	9.74	12.9	20.2	100	112	65.1	17.5	7.67	7.69	7.46	7.84	3
4	18.2	8.67	12.7	18.7	79.3	118	66.3	16.6	7.59	7.74	7.53	7.71	4
5	17.6	8.58	13.1	18.5	66.8	107	66.8	15.7	7.56	7.58	7.43	7.72	5
6	16.5	9.63	12.6	18.2	58.9	110	64.0	14.9	7.45	7.24	7.31	7.61	6
7	15.7	10.4	12.1	16.9	54.1	106	78.4	14.2	7.33	7.31	7.23	7.59	7
8	14.9	9.74	12.3	16.4	49.8	87.8	68.2	13.5	7.25	8.04	7.31	7.42	8
9	14.2	7.65B	12.0	16.8	49.8	86.1	56.9	12.9	7.16	8.57	7.17	7.39	9
10	13.5	5.66B	12.2	16.0	53.0	88.3	51.3	12.3	6.99	8.86	7.06	7.21	10
11	12.6	6.23B	12.7	15.4	61.7	101	48.4	11.9	6.85	8.70	7.19	7.25	11
12	12.0	7.08B	13.7	15.2	62.9	91.7	45.3	11.4	6.80	8.52	7.23	7.38	12
13	11.5	9.77B	14.9	14.6	62.6	102	45.3	10.9	6.65	8.39	7.53	7.00	13
14	11.1	9.91B	16.2	13.8	66.3	118	50.7	10.7	6.54	8.29	7.75	6.74	14
15	10.2	10.0	17.5	14.3	108	112	45.6	10.6	6.48	7.92	8.05	7.85	15
16	9.91	10.6	19.4	17.2	119	106	43.0	10.5	6.29	7.85	8.28	7.91	16
17	8.89	12.2	20.2	19.2	101	105	40.2	10.3	6.29	7.70	8.38	7.71	17
18	12.2	13.5	19.3	21.5	96.8	94.3	38.2	10.0	6.20	7.67	8.42	6.93	18
19	11.7	16.4	18.2	26.6	123	94.6	36.2	9.71	6.03	7.50	8.50	6.68	19
20	10.5	19.9	17.8	32.8	145	112	34.8	9.57	5.95	7.43	8.42	6.53	20
21	10.0	17.8	17.4	43.0	160	116	33.7	9.40	6.00	7.21	8.32	6.32	21
22	10.2	16.3	17.0	43.9	170	103	31.7	9.09	6.03	7.19	8.25	5.78	22
23	10.3	15.3	16.7	50.1	165	99.4	30.0	8.89	6.03	7.02	8.36	4.80	23
24	12.5	15.1	16.6	81.6	180	91.5	30.6	8.69	6.16	6.94	8.32	4.66	24
25	12.2	15.5	16.7	82.7	193	86.4	29.7	8.44	6.11	6.96	8.37	5.22	25
26	11.7	14.8	17.1	68.5	221	90.3	28.2	8.21	5.99	6.98	8.18	4.80	26
27	11.6	14.2	17.7	62.0	175	96.8	25.7	8.04	5.95	6.94	7.97	4.87	27
28	11.5	13.6	18.8	61.7	150	83.0	24.2	7.93	5.98	6.91	7.80	4.12	28
29	11.4		20.2	65.7	138	74.5	22.9	7.73	6.00	7.17	7.88	3.16	29
30	10.8		21.6	77.9	138	77.6	21.9	7.65	6.14	7.43	7.89	2.64	30
31	10.8		21.7		149		20.6	7.59		7.43		2.68	31
TOTAL	407.10	328.86	497.6	1 013.3	3 568.0	3 000.3	1 403.3	352.34	198.57	233.66	234.47	197.28	TOTAL
MEAN	13.1	11.7	16.1	33.8	115	100	45.3	11.4	6.62	7.54	7.82	6.36	MEAN
MAX	22.9	19.9	21.7	82.7	221	121	87.5	19.3	7.67	8.86	8.50	7.91	MAX
MIN	8.89	5.66	12.0	13.8	49.8	74.5	20.6	7.59	5.95	6.13	7.06	2.64	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.3
MAXIMUM DAILY, 221 ON MAY 26
MINIMUM DAILY, 2.64 ON DEC 30
MAXIMUM INSTANTANEOUS,
248 AT 03:40 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 46 N
LONG 116 27 03 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 200	JUL	121 000
FEB	28 400	AUG	30 400
MAR	43 000	SEP	17 200
APR	87 500	OCT	20 200
MAY	308 000	NOV	20 300
JUN	259 000	DEC	17 000

TOTAL DISCHARGE, 987 000 dam³

GOATHORN CREEK NEAR TELKWA - STATION NO. 08EE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.415B	0.329B	0.202B	0.250B	2.14	6.16	3.03E	2.36	1.17	4.45	2.05	0.308B	1
2	0.410B	0.319B	0.201B	0.275B	2.02	5.28A	2.70E	2.23	1.21	2.24	1.99	0.297B	2
3	0.405B	0.306B	0.200B	0.269B	1.85	4.44E	2.29E	2.44	1.12	1.66	1.97	0.294B	3
4	0.402B	0.299B	0.199B	0.260B	1.85	4.17E	2.00E	2.68	1.05	1.37	1.77	0.288B	4
5	0.400B	0.290B	0.198B	0.256B	2.21	3.79E	1.68E	2.66	0.991	1.27	1.74	0.282B	5
6	0.398B	0.283B	0.198B	0.251B	2.76	3.54E	1.41E	2.73	1.19	1.18	1.74	0.279B	6
7	0.393B	0.279B	0.196B	0.249B	3.60	3.38E	1.32E	2.82	1.47	4.21	1.68	0.276B	7
8	0.389B	0.272B	0.194B	0.248B	6.10	3.23E	1.10E	3.02	1.42	7.26	1.63	0.271B	8
9	0.386B	0.270B	0.192B	0.248B	8.02	3.37E	1.51A	2.98	1.76	5.43	1.47 B	0.268B	9
10	0.384B	0.267B	0.191B	0.249B	7.74	5.25E	2.17	2.90	1.51	4.46	1.30 B	0.261B	10
11	0.382B	0.260B	0.190B	0.250B	7.04	8.19E	3.13	2.63	1.44	3.55	1.20 B	0.259B	11
12	0.380B	0.254B	0.189B	0.251B	7.07	7.20E	3.99	2.59	1.15	3.36	1.07 B	0.254B	12
13	0.379B	0.250B	0.188B	0.259B	7.69	6.58E	4.52	2.14	1.07	2.92	0.968B	0.250B	13
14	0.373B	0.246B	0.188B	0.265B	11.1	6.00E	4.83	2.03	0.962	3.17	0.900B	0.247B	14
15	0.371B	0.242B	0.187B	0.273B	10.2	5.39E	4.64	2.08	0.930	4.50	0.780B	0.242B	15
16	0.370B	0.239B	0.186B	0.282B	9.16	4.91E	4.55	1.90	0.885	5.04	0.700B	0.240B	16
17	0.369B	0.235B	0.185B	0.300B	8.19	4.45E	4.80	1.81	0.846	4.25	0.645B	0.238B	17
18	0.368B	0.232B	0.184B	0.324B	7.25	4.36E	5.11	1.74	1.13	3.94	0.579B	0.235B	18
19	0.368B	0.229B	0.183B	0.360B	8.56	4.44E	5.05	1.83	1.14	3.88	0.540B	0.232B	19
20	0.370B	0.225B	0.182B	0.397B	8.83	4.42E	4.63	1.80	0.980	3.25	0.501B	0.230B	20
21	0.383B	0.222B	0.182B	0.440B	8.99	4.13E	4.07	1.63	0.896	2.80	0.460B	0.228B	21
22	0.402B	0.219B	0.181B	0.492B	7.58	3.71E	3.59	1.57	0.894	2.54	0.437B	0.224B	22
23	0.419B	0.216B	0.181B	0.540B	6.38	3.41E	3.47	1.42	0.865	2.41	0.410B	0.221B	23
24	0.410B	0.213B	0.181B	0.618B	9.65	3.26E	3.57	1.70	0.857	3.76	0.390B	0.219B	24
25	0.400B	0.211B	0.181B	0.704B	15.9	3.10E	3.89	2.70	0.847	3.79	0.373B	0.217B	25
26	0.390B	0.210B	0.180B	0.820B	13.7	3.08E	4.19	2.82	0.835	3.19	0.361B	0.212B	26
27	0.380B	0.209B	0.180B	0.989	9.10	3.13E	3.61	1.90	0.822	2.82	0.350B	0.211B	27
28	0.370B	0.207B	0.183B	1.08	7.14	3.24E	3.33	1.47	0.815	2.54	0.337B	0.210B	28
29	0.360B		0.190B	1.17	7.73	3.06E	3.33	1.27	0.808	2.20	0.326B	0.209B	29
30	0.348B		0.207B	1.52	10.0	3.20E	3.19	1.19	2.11	1.96	0.316B	0.206B	30
31	0.334B		0.228B		8.26		2.69	1.21		2.13		0.204B	31
TOTAL	11.908	7.033	5.907	13.889	227.81	131.87	103.29	66.25	33.173	101.53	28.983	7.612	TOTAL
MEAN	0.384	0.251	0.191	0.463	7.35	4.40	3.33	2.14	1.11	3.28	0.966	0.246	MEAN
MAX	0.419	0.329	0.228	1.52	15.9	8.19	5.11	3.02	2.11	7.26	2.05	0.308	MAX
MIN	0.334	0.207	0.180	0.248	1.85	3.06	1.10	1.19	0.808	1.18	0.316	0.204	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.03
MAXIMUM DAILY, 15.9 ON MAY 25
MINIMUM DAILY, 0.180B ON MAR 26
MAXIMUM INSTANTANEOUS,
20.3 AT 14:08 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 38 50 N
LONG 127 07 20 W
DRAINAGE AREA, 132 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 030	JUL	8 920
FEB	608	AUG	5 720
MAR	510	SEP	2 870
APR	1 200	OCT	8 770
MAY	19 700	NOV	2 500
JUN	11 400	DEC	658

TOTAL DISCHARGE, 63 900 dam³

GOLD RIVER ABOVE BACHELOR CREEK - STATION NO. 08NB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60 B	0.790B	0.495B	0.530	5.17	16.7	17.5	25.7	12.3	4.25E	4.69	0.889	1
2	1.48 B	0.750B	0.490B	0.580	4.44	17.9	18.1	24.2	8.89	4.00E	3.24	0.838	2
3	1.38 B	0.710B	0.500B	0.548	3.32	18.4	20.7	27.7	5.65	2.24A	2.59	0.808	3
4	1.32 B	0.685B	0.495B	0.472	3.08	14.6	26.9	24.3	6.08	1.83A	2.20	0.801	4
5	1.28 B	0.630B	0.490B	0.472	3.10	14.1	24.4	24.0	6.04	1.31A	1.94	0.807	5
6	1.25 B	0.580B	0.480B	0.500	3.00	14.7	22.1	25.6	6.18	2.40E	1.60	0.823	6
7	1.20 B	0.540B	0.495B	0.491	2.99	12.1	17.9	29.3	7.42	1.48A	1.60	0.825	7
8	1.18 B	0.490B	0.474	0.555	3.04	10.1	14.3	31.6	10.9	1.72E	1.60	0.793	8
9	1.17 B	0.440B	0.495	0.565	3.49	9.10	11.6	32.2	10.3	1.49A	1.56	0.760B	9
10	1.18 B	0.390B	0.536	0.549	3.71	8.52	12.8	31.9	11.0	1.42A	1.31	0.740B	10
11	1.18 B	0.410B	0.501	0.522	3.91	8.65	15.3	34.9	8.11	1.24A	1.51	0.730B	11
12	1.16 B	0.438B	0.475	0.545	4.33	8.85	15.1	35.2	10.1	1.22A	1.80	0.725B	12
13	1.14 B	0.460B	0.457	0.505	5.02	8.80	16.6	33.0	8.31	1.20A	1.58	0.725B	13
14	1.12 B	0.480B	0.501	0.506	5.94	9.75	20.2	30.0	7.00	1.18A	1.54	0.710B	14
15	1.05 B	0.500B	0.531	0.539	6.28	11.9	19.9	28.5	7.97	1.10A	1.49	0.680B	15
16	0.950B	0.530B	0.546	0.649	6.49	12.0	20.0	26.0	12.6	1.12E	1.43	0.660B	16
17	0.945B	0.570B	0.488	0.697	7.49	9.28	22.1	25.7	13.0	1.11E	1.22	0.650B	17
18	0.960B	0.585B	0.480	0.821	9.33	7.34	26.2	25.8	14.5	1.08E	1.19	0.640B	18
19	0.961B	0.595B	0.512	0.964	11.6	6.90	26.4	25.5	14.0	1.06E	1.18	0.610B	19
20	0.945B	0.605B	0.546	1.10	14.7	7.31	22.8	25.4	7.36	1.04E	1.17	0.600B	20
21	0.910B	0.610B	0.512	1.09	19.1	6.85	27.1	20.9	5.72	1.03E	1.06	0.570B	21
22	0.900B	0.609	0.558	0.991	21.6	6.40	27.3	19.8	4.66	1.01E	1.03	0.560B	22
23	0.915B	0.581	0.550	1.30 E	21.3	6.45	25.5	22.0	3.47	1.00E	0.975	0.500B	23
24	0.925B	0.550	0.544	1.70 E	21.4	7.16	28.3	23.8	2.97	1.01E	0.903	0.510B	24
25	0.910B	0.564	0.557	2.30	24.0	8.72	25.3	24.7	2.27	1.12E	0.894	0.440B	25
26	0.870B	0.602	0.517	1.60	26.3	12.6	25.2	22.1	1.73A	1.62A	0.916	0.450B	26
27	0.845B	0.568	0.532	1.44	21.2	12.0	29.5	17.8	1.59A	1.98	0.915	0.450B	27
28	0.830B	0.532	0.491	1.58	17.2	9.74	34.0	13.9	1.68A	2.35	0.912	0.440B	28
29	0.810B		0.473	1.82	17.3	11.5	29.5	13.1	1.61A	2.07	0.879	0.440B	29
30	0.810B		0.580	2.24	19.4	15.4	28.0	11.4	1.32A	1.65	0.882	0.430B	30
31	0.800B		0.570		19.8		28.6	9.54		1.92		0.450B	31
TOTAL	32.976	15.794	15.871	28.171	339.03	323.82	699.2	765.54	218.73	50.25	45.806	20.054	TOTAL
MEAN	1.06	0.564	0.512	0.939	10.9	10.8	22.6	24.7	7.16	1.62	1.53	0.647	MEAN
MAX	1.60	0.790	0.580	2.30	26.3	18.4	34.0	35.2	14.5	4.25	4.69	0.889	MAX
MIN	0.800	0.390	0.457	0.472	2.99	6.40	11.6	9.54	1.32	1.00	0.879	0.430	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.99
MAXIMUM DAILY, 35.2 ON AUG 12
MINIMUM DAILY, 0.390B ON FEB 10
MAXIMUM INSTANTANEOUS,
43.2 AT 17:30 PST ON AUG 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 47 N
LONG 117 44 28 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 850	JUL	60 400
FEB	1 360	AUG	66 100
MAR	1 370	SEP	18 600
APR	2 430	OCT	4 340
MAY	29 300	NOV	3 960
JUN	28 000	DEC	1 730

TOTAL DISCHARGE, 220 000 dam³

GOLD RIVER ABOVE PALMER CREEK - STATION NO. 08NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.89	1.60 B	1.80	2.28	18.3	58.7	66.0	63.0	42.7	8.11	12.2	3.25E	1
2	3.59	1.58 B	2.02	2.13	17.1	66.2	64.7	57.0	44.7	7.60	9.55	3.10E	2
3	3.40B	1.53 B	1.95	2.10	12.9	70.8	76.5	65.4	26.8	7.67	7.60	2.95E	3
4	3.33B	1.48 B	2.08	2.02	11.9	60.1	99.4	56.2	23.6	14.0	6.69	3.05E	4
5	3.25B	1.47 B	2.25	2.03	11.8	51.8	89.0	53.2	24.1	10.7	6.12	3.15E	5
6	3.14B	1.42 B	2.11	2.01	10.7	59.3	78.8	59.9	22.2	8.74	5.67	3.05E	6
7	3.09B	1.38 B	2.35	1.98	10.6	47.1	59.6	68.5	25.5	9.60	5.50	2.90E	7
8	3.05B	1.30 B	2.35	1.98	11.0	39.5	44.9	73.4	34.4	8.33	5.52	2.85E	8
9	3.02B	1.20 B	2.30	2.03	13.0	36.4	38.1	69.1	42.2	7.14	5.19	2.80E	9
10	3.02B	0.980B	2.20	1.97	14.2	35.2	41.2	70.6	42.3	8.21	4.62	2.85E	10
11	3.05B	1.12 B	2.19	1.97	15.1	34.0	49.4	75.8	33.1	6.91	5.04	2.90E	11
12	3.09	1.21 B	2.18	1.87	15.9	33.8	50.2	77.8	32.9	6.38	6.33	2.85E	12
13	3.02	1.25 B	2.15	1.82	17.9	33.3	55.1	71.0	26.8	5.42	5.40	2.80E	13
14	3.05	1.30 B	2.22	1.85	20.9	36.9	80.5	69.4	24.2	5.41	4.98	2.75E	14
15	2.60B	1.35 B	2.16	2.17	23.2	43.1	74.4	74.0	24.4	5.48	4.89	2.70E	15
16	2.65B	1.43 B	2.04	2.58	24.7	44.0	71.6	72.8	32.3	5.53	4.64	2.65E	16
17	2.70B	1.52 B	2.05	2.73	30.9	34.8	73.2	71.3	37.3	6.27	4.24	2.60E	17
18	2.78B	1.70 B	2.03	3.01	39.0	28.2	82.4	66.6	39.2	6.64	4.37	2.65E	18
19	2.75B	1.88 B	1.99	3.54	46.4	26.3	79.6	73.0	55.0	5.62	4.28	2.60E	19
20	2.68B	1.92 B	2.14	3.81	59.6	28.0	69.5	71.1	34.6	5.39	4.15	2.55E	20
21	2.60B	2.15 B	2.24	3.99	74.8	25.7	76.2	54.0	21.8	4.62	3.95	2.50E	21
22	3.20B	2.18	2.31	4.03	81.2	23.4	79.9	51.5	18.3	4.49	3.98	2.45E	22
23	3.30B	2.41	2.25	5.35	74.5	23.6	74.9	56.5	15.7	4.30	4.04	2.40E	23
24	2.90B	2.22	2.19	11.7	74.4	25.3	79.6	61.9	13.7	4.35	3.68	2.40E	24
25	2.65B	2.10	2.10	8.41	85.5	31.6	69.4	75.0	12.4	4.53	3.53	2.35E	25
26	2.55	2.10	2.09	6.24	94.1	47.0	68.4	69.7	10.5	5.51	3.60	2.30E	26
27	2.67	1.92	2.10	5.66	73.0	45.3	82.4	58.8	8.89	5.73	3.26	2.30E	27
28	2.68	1.90	2.14	7.05	57.3	35.9	93.4	45.1	8.56	6.63	3.20E	2.25E	28
29	2.63		2.15	7.87	60.1	42.8	84.1	46.9	7.98	6.42	3.15E	2.25E	29
30	2.21B		2.23	9.28	70.6	56.2	72.0	38.1	8.50	5.40	3.10E	2.27E	30
31	2.00B		2.24		73.3		72.9	32.5		5.75		2.30E	31
TOTAL	90.54	45.600	66.60	115.46	1 243.9	1 224.3	2 197.3	1 949.1	794.63	206.88	152.47	82.77	TOTAL
MEAN	2.92	1.63	2.15	3.85	40.1	40.8	70.9	62.9	26.5	6.67	5.08	2.67	MEAN
MAX	3.89	2.41	2.35	11.7	94.1	70.8	99.4	77.8	55.0	14.0	12.2	3.25	MAX
MIN	2.00	0.980	1.80	1.82	10.6	23.4	38.1	32.5	7.98	4.30	3.10	2.25	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.4
MAXIMUM DAILY, 99.4 ON JUL 4
MINIMUM DAILY, 0.980B ON FEB 10
MAXIMUM INSTANTANEOUS,
117 AT 18:18 PST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 37 N
LONG 117 43 00 W
DRAINAGE AREA, 427 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 820	JUL	190 000
FEB	3 940	AUG	168 000
MAR	5 750	SEP	68 700
APR	9 980	OCT	17 900
MAY	107 000	NOV	13 200
JUN	106 000	DEC	7 150

TOTAL DISCHARGE, 705 000 dam³

GOLD RIVER BELOW UCONA RIVER - STATION NO. 08HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.3	30.9E	38.4E	55.0E	159	40.7	32.0	8.34	33.6	645	631	127	1
2	64.4	27.5E	33.2E	48.1E	170	38.8	29.0	7.96	24.0	220	374	131	2
3	51.7	24.0E	30.4E	43.2E	141	62.2	28.6	7.58	17.5	131	200	89.3	3
4	42.9	22.7E	27.5E	38.8E	109	63.0	27.5	7.17	15.7	84.3	131	113	4
5	37.8	21.8E	25.6E	105 E	86.6	66.9	24.9	6.88	15.5	77.6	85.7	255	5
6	34.3	19.6E	22.8E	82.7E	73.8	73.2	23.3	6.65	13.3	190	63.9	153	6
7	32.2A	18.9E	22.0E	71.3E	69.0	64.0	21.7	6.45	11.6	336	47.0	95.1	7
8	40.0E	18.8E	25.3E	61.7A	66.4	51.0	20.3	6.28	10.5	282	39.1	68.9	8
9	77.5E	18.3E	24.9E	54.3	64.7	49.0	20.0	6.11	9.69	166	35.9	68.4	9
10	62.4E	18.1E	24.7E	50.6	58.7	45.5	21.5	5.99	9.29	106	51.6	77.7	10
11	54.2E	18.2E	24.9E	48.9	55.8	44.2	21.0	5.77	8.62	73.2	603	60.6	11
12	46.5E	18.2E	24.8E	43.0	52.8	39.8	19.8	5.45	7.70	54.0	311	46.9	12
13	39.3E	36.8E	23.9E	39.7	58.9	37.0	18.5	5.19	6.99	40.8	189	40.3	13
14	35.2E	101 E	22.6E	37.5	60.8	34.6	17.2	4.92	6.65	34.7	157	66.0	14
15	30.0E	245 E	21.9E	50.1	58.0	34.7	16.6	4.77	6.21	30.2	178	66.6	15
16	30.7E	205 E	19.8E	128	49.4	46.4	15.9	4.65	6.07	27.0	141	49.7	16
17	35.1E	182 E	18.2E	94.5	46.1	55.9	15.6	4.38	5.85	24.3	102	41.5	17
18	220 E	225 E	17.0E	72.8	54.3	85.3	15.9	4.14	24.8	21.9	77.5	53.9	18
19	371 E	282 E	16.5E	66.9	76.5	96.4	15.2	4.02	36.7	20.0	83.0	331	19
20	261 E	204 E	15.6E	66.6	72.3	89.7	14.3	3.76	27.5	18.3	95.2	230	20
21	295 E	157 E	15.4E	59.7	66.7	81.9	13.5	3.68	157	16.6	183	124	21
22	185 E	109 E	30.2E	162	54.9	74.3	12.3	3.60	129	15.1	193	81.4	22
23	160 E	91.5E	31.3E	497	53.5	72.3	11.8	3.56	73.8	14.0	147	60.9	23
24	89.5E	75.3E	29.4E	326	72.0	57.6	11.2	3.62	53.6	13.2	98.8	49.7	24
25	75.6E	69.2E	31.5E	177	75.1	46.1	11.1	4.11	40.8	12.7	74.0	41.8	25
26	65.4E	59.5E	29.2E	112	63.3	40.2	10.9	4.95	32.6	13.1	58.6	38.4	26
27	62.0E	52.4E	27.8E	90.4	52.4	35.4	10.3	5.25	62.3	138	46.2	34.0	27
28	55.7E	42.3E	26.8E	130	49.0	33.6	9.78	7.23	197	233	39.2	30.2	28
29	49.1E		25.9E	122	55.5	36.3	9.65	6.72	113	130	38.2	28.0	29
30	43.3E		35.4E	147	52.0	34.9	9.40	6.77	226	287	42.5	24.8	30
31	34.8E		72.6E		45.8		8.81	7.93		1 230		24.0	31
TOTAL	2 761.9	2 394.0	835.5	3 081.8	2 223.3	1 630.9	537.54	173.88	1 382.87	4 685.0	4 516.4	2 702.1	TOTAL
MEAN	89.1	85.5	27.0	103	71.7	54.4	17.3	5.61	46.1	151	151	87.2	MEAN
MAX	371	282	72.6	497	170	96.4	32.0	8.34	226	1 230	631	331	MAX
MIN	30.0	18.1	15.4	37.5	45.8	33.6	8.81	3.56	5.85	12.7	35.9	24.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.8
MAXIMUM DAILY, 1 230 ON OCT 31
MINIMUM DAILY, 3.56 ON AUG 23
MAXIMUM INSTANTANEOUS,
1 740 AT 06:00 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 21 N
LONG 126 06 22 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	239 000	JUL	46 400
FEB	207 000	AUG	15 000
MAR	72 200	SEP	119 000
APR	266 000	OCT	405 000
MAY	192 000	NOV	390 000
JUN	141 000	DEC	233 000

TOTAL DISCHARGE, 2 330 000 dam³

GOLDSTREAM RIVER BELOW OLD CAMP CREEK - STATION NO. 08ND012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3 B	8.60B	7.40E	12.6	76.0E	139	126	94.9	61.8	20.2	32.4	13.4 E	1
2	14.9 B	8.30B	7.60E	12.7	78.0E	137	118	81.6	62.2	38.1	36.9	13.6 E	2
3	14.7 B	8.20B	8.00E	12.3	59.0E	163	132	77.4	42.9	26.7	28.8	12.9 E	3
4	14.2 B	7.80B	8.40E	11.8	51.0E	146	153	77.5	40.7	22.3	26.0	12.3 E	4
5	14.1 B	7.70E	8.35E	11.8	46.0E	130	164	74.8	42.6	19.9	22.9	12.6 E	5
6	14.0 B	7.60B	8.40E	11.5	41.0E	142	143	76.3	37.0	19.1	21.5	13.0 E	6
7	14.1 B	7.20B	8.65E	11.2	37.0E	127	121	83.2	36.4	22.2	20.2	12.0 E	7
8	14.2 B	6.60E	8.80E	11.1	38.0E	106	99.0	87.0	41.1	22.9	19.3	11.5 E	8
9	14.3 B	6.00B	8.60E	11.1	41.0E	93.5	79.9	85.5	44.7	20.7	18.4	11.0 E	9
10	14.4 B	5.50B	8.50E	10.8	43.5E	87.1	73.4	81.7	46.5	19.6	17.7	10.9 E	10
11	14.5 B	5.80B	8.10A	10.6	49.0E	83.4	91.0	83.4	36.7	18.1	17.2	11.1 E	11
12	14.6 B	6.20B	8.32	10.4E	56.1A	78.9	92.0	87.4	35.7	17.0	22.1	11.3 E	12
13	14.3 B	6.60B	8.38	10.2E	60.6	76.0	96.8	83.4	31.8	16.2	22.6	11.1 E	13
14	13.7 B	6.90B	8.55	10.1E	65.1	77.6	106	74.4	29.0	16.1	20.1	10.9 E	14
15	13.3 B	7.30B	8.71	10.0E	74.1	87.0	107	75.7	28.7	16.3	20.1	10.7 E	15
16	13.2 B	7.70B	8.77	10.3E	75.9	102	110	76.2	34.4	16.6	19.5	10.4 E	16
17	13.1 B	8.10B	9.08	11.1E	83.7	94.9	114	71.8	38.8	17.2	17.9	10.3 E	17
18	13.0 B	8.50B	8.90	12.2E	91.9	80.2	124	67.9	40.7	16.0	17.4	10.2 E	18
19	12.8 B	8.73	8.91	13.6E	111	72.7	129	64.4	51.7	15.6	16.8	10.3 E	19
20	12.5 B	7.85A	8.88	16.0E	127	79.6	121	76.0	37.7	14.7	16.5	10.0 E	20
21	11.9	8.60E	8.98	19.5E	153	79.6	113	68.7	28.2	13.9	16.2	9.80E	21
22	11.9	9.30E	9.15	25.0E	171	73.4	117	55.2	25.7	13.9	16.3	9.60E	22
23	12.3	9.90E	9.34	37.0E	162	79.1	108	54.2	23.1	13.8	15.9	9.40E	23
24	12.7	9.30E	9.39	80.0E	160	82.5	114	58.9	20.9	13.6	15.6	9.25E	24
25	11.8	8.90E	9.32	64.0E	172	84.5	109	65.2	18.8	13.7	15.0	9.30E	25
26	11.4	8.40E	9.35	50.0E	200	104	95.3	65.1	17.1	16.0	14.6	9.20E	26
27	11.1	8.15E	9.46	43.0E	166	109	104	58.9	16.2	17.8	14.3	9.00E	27
28	10.7	7.50E	9.62	41.5E	126	91.3	132	47.4	16.5	20.0	14.2	8.80E	28
29	10.6		10.3	43.5E	117	89.2	116	48.0	17.8	21.8	13.9A	8.60E	29
30	10.9		10.9	50.0E	137	109	100	47.9	16.3	19.0	13.2E	8.50E	30
31	9.00B		11.9		174		100	41.0		18.2		8.60E	31
TOTAL	403.50	217.23	277.01	684.9	3 042.9	3 004.5	3 508.4	2 191.0	1 021.7	577.2	583.5	329.55	TOTAL
MEAN	13.0	7.76	8.94	22.8	98.2	100	113	70.7	34.1	18.6	19.5	10.6	MEAN
MAX	15.3	9.90	11.9	80.0	200	163	164	94.9	62.2	38.1	36.9	13.6	MAX
MIN	9.00	5.50	7.40	10.0	37.0	72.7	73.4	41.0	16.2	13.6	13.2	8.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.4
MAXIMUM DAILY, 200 ON MAY 26
MINIMUM DAILY, 5.50B ON FEB 10
MAXIMUM INSTANTANEOUS,
212 AT 11:10 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 09 N
LONG 118 35 58 W
DRAINAGE AREA, 938 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 900	JUL	303 000
FEB	18 800	AUG	189 000
MAR	23 900	SEP	88 300
APR	59 200	OCT	49 900
MAY	263 000	NOV	50 400
JUN	260 000	DEC	28 500

TOTAL DISCHARGE, 1 370 000 dam³

GOOSE CREEK NEAR CRESCENT VALLEY - STATION NO. 08NJ112

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.86	0.770	1.99	1.64	4.58	6.77	1.77	0.651	0.255	0.470	1.53	0.600	1
2	1.56	0.790	1.80	1.47	4.46	7.19	2.16 E	0.634	0.234	0.425	1.18	0.566	2
3	1.47	0.790	1.74	1.44	4.28	0.900	2.56	0.583	0.234	0.368	1.10	0.549	3
4	1.44	0.770	1.83	1.42	4.11	0.850	2.32	0.549	0.221	0.333	1.33	0.583	4
5	1.28	0.750	1.42	1.44	4.00	0.875	2.64	0.549	0.215	0.319	1.18	0.671	5
6	1.23	0.691	1.39	1.42	3.89	1.05	4.05	0.459	0.204	2.64	1.13	0.830	6
7	1.13	0.651	1.36	1.39	3.95	0.926	10.3	0.413	0.176	3.02	1.00	0.770	7
8	0.850	0.671	1.21	1.23	3.95	0.750	4.64	0.402	0.164	3.19	0.810	0.731	8
9	0.830	0.634	1.16	1.23	4.11	0.691	3.53	0.319	0.153	3.10	0.900	0.790	9
10	0.750	0.566	1.10	1.28	4.34	0.731	3.24	0.269	0.147	2.89	0.977	1.61	10
11	0.691	0.566	1.13	1.31	4.11	0.671	2.76	0.255	0.142	2.80	1.16	1.21	11
12	0.691	0.481	1.21	1.42	3.95	0.634	2.32	0.255	0.142	1.61	1.10	1.00	12
13	0.671	0.459	1.23	1.36	4.46	0.731	2.40	0.227	0.125	1.39	0.926	0.830	13
14	0.651	0.600	1.18	0.900	4.28	0.671	2.76	0.241	0.119	1.16	0.951	1.00	14
15	0.671	0.671	1.10	0.770	4.34	0.634	2.60	0.241	0.108	0.790	1.00	1.05	15
16	0.600	1.16	1.18	1.23	4.70	0.617	2.36	0.227	0.113	0.671	0.951	1.03	16
17	0.566	1.67	1.21	1.21	4.46	0.532	2.25	0.198	0.125	0.549	1.00	0.977	17
18	0.549	1.74	1.08	1.10	4.40	0.566	2.06	0.193	0.142	0.470	0.926	0.770	18
19	0.515	2.89	1.13	1.16	4.16	0.875	2.14	0.187	0.142	0.425	0.977	0.731	19
20	0.532	2.80	1.05	1.13	4.46	1.23	1.47	0.290	0.153	0.413	1.03	0.566	20
21	0.481	3.48	1.03	0.977	4.82	1.44	1.53	0.262	0.164	0.379	1.08	0.691	21
22	0.498	3.43	1.21	2.44	4.94	1.03	1.47	0.241	0.221	0.391	1.16	0.671	22
23	0.750	2.21	1.33	4.82	4.70	0.750	1.33	0.234	0.198	0.391	1.23	0.651	23
24	1.42	2.80	1.33	5.38	4.52	0.634	1.39	0.221	0.193	0.402	1.08	0.634	24
25	1.44	2.76	1.44	5.95	5.07	0.750	1.28	0.215	0.187	0.402	0.977	0.583	25
26	1.08	2.48	1.50	5.73	7.79	1.28	0.830	0.176	0.176	0.413	0.951	0.566	26
27	1.03	2.06	1.74	5.88	6.85	1.47	0.790	0.130	0.193	0.566	0.900	0.600	27
28	0.951	2.03	1.56	5.45	5.45	1.64	0.770	0.113	0.215	5.52	0.750	0.566	28
29	0.875		1.47	5.13	5.73	2.14	0.711	0.108	1.05	5.45	0.731	0.549	29
30	0.830		1.42	4.70	5.59	1.99	0.926	0.110	0.671	2.60	0.691	0.498	30
31	0.810		1.50		5.80		0.790	0.119		1.67		0.470	31
TOTAL	28.702	41.370	42.03	72.007	146.25	41.018	72.147	9.071	6.582	45.217	30.708	23.343	TOTAL
MEAN	0.926	1.48	1.36	2.40	4.72	1.37	2.33	0.293	0.219	1.46	1.02	0.753	MEAN
MAX	1.86	3.48	1.99	5.95	7.79	7.19	10.3	0.651	1.05	5.52	1.53	1.61	MAX
MIN	0.481	0.459	1.03	0.770	3.89	0.532	0.711	0.108	0.108	0.319	0.691	0.470	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 10.3 ON JUL 7
MINIMUM DAILY, 0.108 ON AUG 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 26 20 N
LONG 117 33 40 W
DRAINAGE AREA, 83.7 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 480	JUL	6 230
FEB	3 570	AUG	784
MAR	3 630	SEP	569
APR	6 220	OCT	3 910
MAY	12 600	NOV	2 650
JUN	3 540	DEC	2 020

TOTAL DISCHARGE, 48 200 dam³

GRAFTON LAKE ON BOWEN ISLAND - STATION NO. 08GA069

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.838	0.759	0.747	0.939E	0.789	0.710E	0.713E	0.424E	---	0.789	---	---	1
2	0.820	0.753	0.771E	0.856	0.777E	0.698	0.701E	0.421	---	---	---	---	2
3	0.796	0.741	0.796	0.884	0.765	0.704	0.686	0.415E	---	---	---	---	3
4	0.786	0.735	0.789E	0.872	0.878	0.710	0.668E	0.405	---	---	---	---	4
5	0.765	0.725	0.783	0.875E	0.853E	0.719E	0.649	0.399E	---	---	---	---	5
6	0.756	0.713	0.777E	0.878	0.826	0.732E	0.622E	0.393E	---	---	---	---	6
7	0.747	0.707	0.771	0.856E	0.826E	0.741	0.597	0.387	---	---	---	---	7
8	0.738	0.704	0.759E	0.835	0.826	0.741E	0.588E	0.381E	---	---	---	---	8
9	0.741	0.704	0.747	0.823E	0.799	0.741E	0.579	0.375E	---	---	---	---	9
10	0.735	0.695	0.738E	0.811	0.796E	0.741E	0.576E	0.369	---	---	---	---	10
11	0.722	0.692	0.728	0.811E	0.792E	0.741	0.570E	0.360E	---	---	---	---	11
12	0.713	0.689	0.722E	0.814	0.789	0.738E	0.567	0.354E	---	---	---	---	12
13	0.713	0.716	0.716	0.820	0.777E	0.735	0.555E	0.344	---	---	---	---	13
14	0.698	0.783	0.707E	0.832E	0.765	0.738E	0.546	0.335E	---	---	---	---	14
15	0.692	0.796	0.698	0.844	0.759E	0.741E	0.536E	0.326	---	---	---	---	15
16	0.686	1.009	0.725	0.811	0.750E	0.744	0.530	0.317E	---	---	---	---	16
17	0.686	0.939	0.719	0.796E	0.741	0.756E	0.524E	0.308	---	---	---	---	17
18	0.686	0.988	0.707E	0.780	0.738E	0.765	0.515	0.305E	---	---	---	---	18
19	0.686	0.957	0.698	0.768E	0.735	0.771E	0.509E	0.299E	---	---	---	---	19
20	0.692	0.914	0.686E	0.753	0.728E	0.780E	0.506E	0.296	---	---	---	---	20
21	0.713	0.893	0.674	0.765	0.722	0.786	0.500	0.290E	---	---	---	---	21
22	0.728	0.863	0.677	0.914	0.713E	0.789E	0.491E	0.287E	---	---	---	---	22
23	0.732	0.826	0.677	0.933	0.704E	0.792E	0.485E	0.280	0.265	---	---	---	23
24	0.722	0.799	0.689E	0.902	0.695	0.796	0.475	0.271	0.259	---	---	---	24
25	0.716	0.789	0.704	0.811E	0.777	0.786E	0.469E	0.262E	0.256E	---	---	---	25
26	0.716	0.777	0.704E	0.802	0.762E	0.774	0.466	0.256E	0.253	---	---	---	26
27	0.710	0.771	0.704	0.783	0.750E	0.762E	0.457E	0.247	0.293	---	---	---	27
28	0.753	0.753	0.704	0.823	0.735	0.753E	0.448	0.241E	0.381	---	---	---	28
29	0.783		0.814	0.814	0.732E	0.741	0.439E	0.235E	0.430	---	---	---	29
30	0.783		0.924	0.799	0.725E	0.725E	0.433	0.229	0.549	---	---	---	30
31	0.768		1.021		0.722		0.430E	---		---		---	31
MEAN	0.736	0.793	0.744	0.833	0.766	0.748	0.543	---	---	---	---	---	MEAN
MAX	0.838	1.009	1.021	0.939	0.878	0.796	0.713	---	---	---	---	---	MAX
MIN	0.686	0.689	0.674	0.753	0.695	0.698	0.430	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 22 25 N
LONG 123 21 50 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GRAHAM LAKE ON DENMAN ISLAND - STATION NO. 08HB056

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.963	0.956	---	---	0.826	---	---	---	---	1
2	---	---	---	---	---	0.940	0.893	---	0.767	---	---	---	2
3	---	---	---	0.960	0.953	---	---	0.828	---	---	---	---	3
4	---	---	---	---	---	0.942	0.888	---	0.771	---	---	---	4
5	---	---	---	0.962	1.004	---	---	0.816	---	---	---	---	5
6	---	---	---	---	---	0.944	0.881	---	0.764	---	---	---	6
7	---	---	---	0.960	0.995	---	---	0.805	---	---	---	---	7
8	---	---	---	---	---	0.942	0.878	---	0.762	---	---	---	8
9	---	---	---	0.956	0.993	---	---	0.801	---	---	---	---	9
10	---	---	---	---	---	0.924	0.887	---	0.759	---	---	---	10
11	---	---	---	0.960	0.994	---	---	0.796	---	---	---	---	11
12	---	---	---	---	---	0.922	0.894	---	0.754	---	---	---	12
13	---	---	---	0.987	0.987	---	---	0.790	---	---	---	---	13
14	---	---	---	---	---	0.920	0.887	---	0.749	---	---	---	14
15	---	---	---	0.969	0.985	---	---	0.780	---	0.919	---	---	15
16	---	---	---	---	---	0.904	0.882	---	0.749	---	---	---	16
17	---	---	---	0.967	0.985	---	---	0.768	---	---	---	---	17
18	---	---	---	---	---	0.909	0.877	---	0.750	---	---	---	18
19	---	---	---	0.964	0.985	---	---	0.755	---	---	---	---	19
20	---	---	---	---	---	0.909	0.875	---	0.756	---	---	---	20
21	---	---	---	0.957	0.979	---	---	0.747	---	---	---	---	21
22	---	---	---	---	---	0.909	0.864	---	0.778	---	---	---	22
23	---	---	---	0.959	0.969	---	---	0.743	---	---	---	---	23
24	---	---	---	---	---	0.905	0.858	---	0.783	---	---	---	24
25	---	---	---	0.961	0.983	---	---	0.752	---	---	---	---	25
26	---	---	---	---	---	0.903	0.845	---	0.780	---	---	---	26
27	---	---	0.935	0.959	0.972	---	---	0.752	---	---	---	---	27
28	---	---	---	---	---	0.897	0.839	---	0.800	---	---	---	28
29	---		---	1.006	0.964	---	---	0.755	---	---	---	---	29
30	---		---	---	---	0.893	0.833	---	0.806	---	---	---	30
31	---		---		0.956		---	0.755		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 41 N
LONG 124 45 04 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GRAHAM RIVER ABOVE COLT CREEK - STATION NO. 07FA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.90B	5.25B	4.78B	4.22B	12.7	172	76.1	34.7	29.6	13.1	11.3 B	9.20B	1
2	7.45B	5.30B	4.70B	4.22B	13.4	160	72.0	33.9	30.9	15.8	10.3 B	9.30B	2
3	7.30B	5.30B	4.50B	4.25B	13.2	145	72.6	32.4	31.6	15.8	10.4 B	9.25B	3
4	7.30B	5.25B	4.45B	4.22B	13.8	132	70.7	30.4	29.9	14.4	10.8 B	9.00B	4
5	7.30B	5.10B	4.40B	4.19B	13.6	119	64.4	28.6	28.3	13.7	11.2 B	8.60B	5
6	7.20B	5.00B	4.40B	4.15B	14.3	108	59.1	26.7	26.9	13.2	10.4 B	8.40B	6
7	6.95B	4.90B	4.43B	4.10B	15.4	103	54.1	25.1	25.3	13.2	9.90B	8.20B	7
8	6.55B	4.70B	4.50B	4.06B	22.5	94.2	49.5	24.0	23.8	13.1	9.65B	8.00B	8
9	6.45B	4.62B	4.60B	3.95B	28.1	86.6	46.4	22.9	22.4	13.0	9.80B	7.95B	9
10	6.50B	4.50B	4.67B	3.90B	28.0	81.8	44.1	21.4	21.4	12.8	10.0 B	7.94B	10
11	6.65B	4.45B	4.63B	3.89B	27.0	80.5	42.7	20.7	21.1	12.4	10.0 B	7.93B	11
12	6.82B	4.50B	4.60B	3.85B	28.3	80.1	42.7	19.6	20.4	12.3	9.80B	7.55B	12
13	6.70B	4.53B	4.60B	3.85B	32.1	78.1	43.2	18.7	19.4	12.0	9.55B	7.38B	13
14	6.60B	4.65B	4.65B	3.86B	38.1	76.5	48.0	18.0	18.5	12.1	9.10B	7.35B	14
15	6.45B	4.85B	4.70B	3.89B	39.4	75.9	53.0	17.1	17.6	12.4	8.85B	7.35B	15
16	6.25B	4.95B	4.65B	3.95B	37.4	86.4	47.3	16.7	17.0	13.0	8.75B	7.38B	16
17	6.00B	5.10B	4.58B	4.03B	37.4	96.6	44.1	16.5	16.4	14.1	8.75B	7.42B	17
18	5.95B	5.15B	4.46B	4.21B	45.2	92.5	42.6	16.0	15.8	14.7	9.00B	7.60B	18
19	5.98B	4.95B	4.25B	4.60B	59.5	95.7	41.7	15.3	15.3	14.4	9.20B	7.80B	19
20	6.00B	4.90B	4.14B	5.10B	75.9	100	45.6	14.8	14.7	14.1	9.24B	7.95B	20
21	6.05B	4.95B	4.08B	6.00B	88.4	102	53.8	14.3	14.2	13.1	9.00B	7.68B	21
22	6.10B	4.95B	4.08B	7.05B	108	102	61.6	14.1	14.1	12.7	8.85B	7.30B	22
23	6.10B	4.87B	4.10B	8.30B	137	98.6	59.3	13.6	14.3	12.9	8.80B	7.10B	23
24	6.05B	4.76B	4.14B	10.8	137	94.7	57.8	13.3	14.0	12.8	8.90B	7.15B	24
25	5.90B	4.70B	4.17B	11.5	134	94.3	51.7	13.3	13.5	12.8	9.05B	7.25B	25
26	5.60B	4.70B	4.25B	10.4	163	92.5	48.4	14.2	13.0	12.8	8.95B	7.06B	26
27	5.45B	4.70B	4.40B	10.1	236	85.8	44.4	20.7	12.8	12.9	9.05B	6.86B	27
28	5.35B	4.75B	4.45B	10.6	248	81.5	41.9	24.1	12.6	12.6	9.35B	6.60B	28
29	5.25B		4.45B	10.7	190	78.2	40.4	32.9	12.5	12.1B	9.45B	6.45B	29
30	5.20B		4.38B	10.6	172	79.0	38.7	32.2	12.5	11.1B	9.25B	6.30B	30
31	5.20B		4.30B		178		36.3	29.9		11.4B		6.25B	31
TOTAL	196.55	136.33	137.49	178.54	2 386.3	2 972.5	1 594.2	676.1	579.8	406.8	286.64	237.55	TOTAL
MEAN	6.34	4.87	4.44	5.95	77.0	99.1	51.4	21.8	19.3	13.1	9.55	7.66	MEAN
MAX	7.90	5.30	4.78	11.5	248	172	76.1	34.7	31.6	15.8	11.3	9.30	MAX
MIN	5.20	4.45	4.08	3.85	12.7	75.9	36.3	13.3	12.5	11.1	8.75	6.25	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 248 ON MAY 28
MINIMUM DAILY, 3.85B ON APR 12
MAXIMUM INSTANTANEOUS,
277 AT 01:54 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 27 31 N
LONG 122 21 22 W
DRAINAGE AREA, 2 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 000	JUL	138 000
FEB	11 800	AUG	58 400
MAR	11 900	SEP	50 100
APR	15 400	OCT	35 100
MAY	206 000	NOV	24 800
JUN	257 000	DEC	20 500

TOTAL DISCHARGE, 846 000 dam³

GRANBY RIVER AT GRAND FORKS - STATION NO. 08NN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3	9.76	17.6	40.8	133	182	84.5	29.5	6.77	7.91	28.2	15.4	1
2	12.5	7.33	17.2	38.2	149	133	87.6	27.0	8.26	7.56	33.6	15.3	2
3	11.8	6.56	16.7	35.2	116	136	71.6	25.0	9.24	8.14	31.6	14.7	3
4	10.1	6.57B	16.7	34.1	102	135	71.6	25.0	7.91	7.91	30.9	13.6	4
5	9.91B	6.54B	19.3	31.3	91.1	125	70.2	23.2	7.22	7.45	28.9	14.3	5
6	9.77B	6.48B	18.9	33.1	82.0	151	70.8	21.3	7.11	7.67	26.4	14.4	6
7	9.66B	6.43B	18.2	29.8	76.1	151	72.2	19.8	6.56	11.1	24.4	14.0	7
8	9.60B	6.37B	17.9	28.2	70.8	113	78.6	18.4	6.16	25.2	23.0	13.5	8
9	9.40B	6.29B	17.4	27.5	68.5	114	70.2	17.0	5.86	22.8	21.9	13.0	9
10	9.34B	6.23B	17.0	26.1	71.4	112	62.9	15.7	5.47	21.1	21.0	13.7	10
11	9.26B	5.18	16.7	25.0	76.1	131	62.9	15.7	5.18	18.9	19.9	15.7	11
12	9.26E	7.11	17.2	24.8	77.7	117	56.4	13.7	4.99	17.2	19.6	14.0	12
13	9.23	8.98	17.7	23.6	81.4	102	52.1	12.7	4.80	16.0	21.3	8.38	13
14	9.12E	9.63	18.4	22.4	84.2	101	61.7	11.8	4.62	15.1	20.3	10.5	14
15	8.83E	10.3	19.6	22.2	97.8	100	63.7	11.3	4.45	14.6	21.1	11.6 B	15
16	8.69E	10.9	21.7	23.2	135	98.1	58.9	11.1	4.29	14.4	20.1	12.0 B	16
17	8.55E	12.7	27.5	24.4	122	102	52.7	10.3	4.13	14.6	19.3	10.2 B	17
18	8.50E	13.5	28.2	25.9	130	87.6	49.3	10.7	3.96	14.6	19.6	9.91B	18
19	8.44B	14.6	27.7	29.8	152	90.8	46.2	9.63	3.96	14.3	18.7	9.63B	19
20	8.33B	18.1	27.0	35.5	170	103	44.7	9.50	4.37	14.3	18.7	9.40B	20
21	8.62	17.7	25.7	42.5	204	98.8	42.5	10.3	6.46	13.7	18.6	9.06B	21
22	8.86	16.5	25.0	46.7	225	87.3	41.3	10.3	5.76	13.0	20.4	8.64B	22
23	9.50	16.0	25.2	56.4	212	83.6	37.4	10.1	5.66	12.3	19.6	8.55B	23
24	12.2	15.7	25.9	79.2	190	79.9	37.1	8.26	5.66	12.3	19.6	8.52B	24
25	14.7	16.4	25.2	103	202	80.5	41.9	7.67	5.76	12.3	18.4	8.50B	25
26	14.3	18.7	26.4	85.5	265	89.2	34.9	7.11	5.57	12.2	17.7	8.47B	26
27	14.0	18.4	26.6	76.1	201	90.4	31.6	6.65	5.37	12.9	16.7	8.35B	27
28	13.6	18.1	26.8	70.2	175	79.9	29.5	6.16	5.57	15.6	13.5	8.16B	28
29	13.5		27.9	69.9	158	71.9	27.7	5.86	6.56	41.1	15.7	7.99B	29
30	13.0		34.1	75.2	160	72.8	31.6	5.86	7.79	34.7	15.7	7.56B	30
31	12.3		35.5		192		34.7	7.56		29.5		7.14B	31
TOTAL	328.17	317.06	702.9	1 285.8	4 270.1	3 178.8	1 679.0	423.16	175.47	490.44	644.4	349.16	TOTAL
MEAN	10.6	11.3	22.7	42.9	138	106	54.2	13.7	5.85	15.8	21.5	11.1	MEAN
MAX	14.7	18.7	35.5	103	265	151	87.6	29.5	9.24	41.1	33.6	15.7	MAX
MIN	8.33	5.18	16.7	22.2	68.5	71.9	27.7	5.86	3.96	7.45	13.5	7.14	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.9
MAXIMUM DAILY, 265 ON MAY 26
MINIMUM DAILY, 3.96 ON SEP 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 02 39 N
LONG 118 26 19 W
DRAINAGE AREA, 2 050 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 400	JUL	145 000
FEB	27 400	AUG	36 600
MAR	60 700	SEP	15 200
APR	111 000	OCT	42 400
MAY	369 000	NOV	55 700
JUN	275 000	DEC	29 700

TOTAL DISCHARGE, 1 200 000 dam³

GRAVE CREEK AT THE MOUTH - STATION NO. 08NK019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.368B	0.317B	0.425E	0.767	3.26E	5.90	3.33	1.56	0.894	0.731	0.588	0.405B	1
2	0.351B	0.311B	0.425E	0.731	3.51E	5.35	3.04	1.52	0.884	0.929	0.568	0.416B	2
3	0.334B	0.309B	0.430E	0.722	3.82A	5.08	2.87	1.48	0.901	0.802	0.577	0.422B	3
4	0.326B	0.306B	0.450E	0.694	3.45	4.90	2.78	1.40	0.869	0.771	0.565	0.425B	4
5	0.311B	0.297B	0.462E	0.705	3.26	4.57	2.73	1.34	0.859	0.746	0.546	0.430B	5
6	0.320B	0.283B	0.453E	0.682	2.97	4.52	2.65	1.30	0.834	0.752	0.541	0.430B	6
7	0.331B	0.275B	0.433E	0.657	2.76	4.50	2.53	1.27	0.824	0.760	0.524	0.422B	7
8	0.351B	0.263B	0.430E	0.651	2.72	4.44	2.33	1.27	0.815	0.771	0.544	0.419B	8
9	0.362B	0.258B	0.439E	0.648	2.80	4.07	2.22	1.26	0.822	0.760	0.539	0.419B	9
10	0.368B	0.255B	0.453E	0.631	2.86	3.62	2.31	1.18	0.771	0.754	0.539	0.419B	10
11	0.365B	0.258B	0.484E	0.629	2.89	3.34	2.19	1.16	0.784	0.731	0.541	0.411B	11
12	0.360B	0.269B	0.532A	0.634	2.83	3.26	2.24	1.14	0.760	0.720	0.551	0.396B	12
13	0.351B	0.289B	0.547	0.606	2.83	3.59	2.73	1.13	0.750	0.705	0.581	0.399B	13
14	0.334B	0.306B	0.586	0.606	2.86A	3.51	2.39	1.19	0.742	0.696	0.560	0.399B	14
15	0.323B	0.331E	0.654	0.677	3.40E	4.06	2.13	1.16	0.745	0.694	0.547	0.394B	15
16	0.311B	0.360E	0.705	0.784	3.96E	4.62	1.87	1.08	0.743	0.686	0.544	0.382B	16
17	0.303B	0.391E	0.688	0.903	3.96E	4.65	1.75	1.08	0.729	0.678	0.532B	0.382B	17
18	0.297B	0.442A	0.623	1.11	3.96E	4.36	1.71	1.07	0.725	0.673	0.515B	0.388B	18
19	0.292B	0.450E	0.597	1.44	5.15E	3.99	1.80	1.04	0.728	0.676	0.501B	0.388B	19
20	0.289B	0.456E	0.578	1.79	5.66E	3.74	1.93	1.05	0.728	0.669	0.493B	0.382B	20
21	0.283B	0.456E	0.580	2.12	6.65E	3.63	1.84	1.01	0.746	0.636	0.467B	0.365B	21
22	0.289B	0.453E	0.566	1.94	7.59A	3.49	1.74	1.07	0.737	0.633	0.447B	0.362B	22
23	0.303B	0.453E	0.561	2.17	8.18	3.37	1.68	1.05	0.721	0.635	0.430B	0.362B	23
24	0.328B	0.450E	0.564	2.89	8.58	3.19	1.58	1.04	0.717	0.619	0.419B	0.362B	24
25	0.340B	0.439E	0.580	2.63	8.69	3.13	1.62	0.984	0.723	0.610	0.399B	0.362B	25
26	0.340B	0.428E	0.617	2.43	8.80	3.29	1.56	1.01	0.736	0.611	0.391B	0.354B	26
27	0.337B	0.425E	0.620	2.44	8.18	3.63	1.52	0.961	0.736	0.632	0.379B	0.345B	27
28	0.334B	0.425E	0.660	2.46	7.61	3.52	1.59	0.961	0.756	0.624	0.379B	0.334B	28
29	0.331B		0.716	2.62	6.96	3.30	1.71	0.952	0.763	0.606	0.382B	0.323B	29
30	0.323B		0.765	3.03	6.67	3.26	1.61	0.945	0.741	0.615	0.391B	0.311B	30
31	0.317B		0.790		6.46		1.56	0.919		0.590		0.297B	31
TOTAL	10.172	9.955	17.413	40.797	153.28	119.88	65.54	35.582	23.283	21.515	14.980	11.905	TOTAL
MEAN	0.328	0.356	0.562	1.36	4.94	4.00	2.11	1.15	0.776	0.694	0.499	0.384	MEAN
MAX	0.368	0.456	0.790	3.03	8.80	5.90	3.33	1.56	0.901	0.929	0.588	0.430	MAX
MIN	0.283	0.255	0.425	0.606	2.72	3.13	1.52	0.919	0.717	0.590	0.379	0.297	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 8.80 ON MAY 26
MINIMUM DAILY, 0.255B ON FEB 10
MAXIMUM INSTANTANEOUS,
9.12 AT 22:20 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 36 N
LONG 114 51 36 W
DRAINAGE AREA, 83.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	879	JUL	5 660
FEB	860	AUG	3 070
MAR	1 500	SEP	2 010
APR	3 520	OCT	1 860
MAY	13 200	NOV	1 290
JUN	10 400	DEC	1 030

TOTAL DISCHARGE, 45 300 dam³

GRAYSTOKE LAKE AT THE OUTLET - STATION NO. 08NM230

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	18.126	17.916	---	---	---	---	1
2	---	---	---	---	---	---	18.093	17.870	---	---	---	---	2
3	---	---	---	---	---	---	18.072	17.886	---	---	---	---	3
4	---	---	---	---	---	---	18.065	17.980A	---	---	---	---	4
5	---	---	---	---	---	---	18.059	---	---	---	---	---	5
6	---	---	---	---	---	---	18.053	---	---	---	---	---	6
7	---	---	---	---	---	---	18.059	---	---	---	---	---	7
8	---	---	---	---	---	---	18.056	---	---	---	---	---	8
9	---	---	---	---	---	---	18.062	---	---	---	---	---	9
10	---	---	---	---	---	---	18.062	---	---	---	---	---	10
11	---	---	---	---	---	---	18.059	---	---	---	---	---	11
12	---	---	---	---	---	---	18.041	---	---	---	---	---	12
13	---	---	---	---	---	---	18.056	---	---	---	---	---	13
14	---	---	---	---	---	---	18.105	---	---	---	---	---	14
15	---	---	---	---	---	---	18.072	---	---	---	---	---	15
16	---	---	---	---	---	---	18.053	---	---	---	---	---	16
17	---	---	---	---	---	---	18.047	---	---	---	---	---	17
18	---	---	---	---	---	---	18.038	---	---	---	---	---	18
19	---	---	---	---	---	17.605A	18.032	---	---	---	---	---	19
20	---	---	---	---	---	17.849	18.029	---	---	---	---	---	20
21	---	---	---	---	---	18.032	18.035	---	---	---	---	---	21
22	---	---	---	---	---	18.056	18.023	---	---	---	---	---	22
23	---	---	---	---	---	18.062	18.014	---	4.877A	---	---	---	23
24	---	---	---	---	---	18.056	18.032	---	---	---	---	---	24
25	---	---	---	---	---	18.069	18.038	---	---	---	---	---	25
26	---	---	---	---	---	18.087	18.017	---	---	---	---	---	26
27	---	---	---	---	---	18.084	18.008	---	---	---	---	---	27
28	---	---	---	---	---	18.072	18.001	---	---	---	---	---	28
29	---		---	---	17.160A	18.065	17.998	---	---	---	---	---	29
30	---		---	---	---	18.075	17.992	---	---	---	---	---	30
31	---		---		---		17.937	---		---		---	31
MEAN	---	---	---	---	---	---	18.043	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	18.126	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	17.937	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 18.126 ON JUL 1

MAXIMUM INSTANTANEOUS,
18.139 AT 07:55 PST ON JUL 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 08 N
LONG 118 52 15 W

A - MANUAL GAUGE

REGULATED

GREATA CREEK NEAR THE MOUTH - STATION NO. 08NN173

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018	0.016	0.017	0.040	0.065	0.150	0.074	0.042	0.020E	0.026	0.024	0.021	1
2	0.017	0.016	0.017	0.034	0.065	0.142	0.071	0.040	0.020E	0.029	0.024	0.021	2
3	0.017	0.016	0.018	0.031	0.082	0.136	0.068	0.042	0.020E	0.026	0.023	0.017	3
4	0.017	0.016	0.019	0.031	0.113	0.127	0.065	0.042	0.018E	0.025	0.022	0.019	4
5	0.017	0.016	0.018	0.028	0.108	0.125	0.065	0.040	0.018E	0.025	0.021	0.019	5
6	0.018	0.016	0.017	0.028	0.096	0.130	0.062	0.037	0.018E	0.038	0.020	0.018	6
7	0.018	0.016	0.017	0.026	0.093	0.122	0.071	0.034	0.017E	0.041	0.020	0.019	7
8	0.018	0.015	0.017	0.025	0.093	0.125	0.074	0.031	0.017E	0.032	0.019	0.018	8
9	0.019	0.015	0.017	0.024	0.108	0.127	0.065	0.028	0.016E	0.031	0.020	0.019	9
10	0.018	0.015	0.017	0.024	0.108	0.122	0.071	0.028	0.015E	0.026	0.021	0.020	10
11	0.017	0.014	0.018	0.023	0.116	0.122	0.076	0.026	0.015E	0.026	0.019	0.017	11
12	0.017	0.014	0.018	0.024	0.116	0.119	0.068	0.025	0.014E	0.026	0.021	0.015	12
13	0.016	0.014	0.020	0.025	0.119	0.127	0.074	0.024	0.014E	0.024	0.023	0.017	13
14	0.016	0.016	0.022	0.026	0.133	0.125	0.076	0.023	0.013E	0.025	0.022	0.018	14
15	0.014	0.017	0.022	0.028	0.167	0.113	0.071	0.023	0.012E	0.025	0.023	0.017	15
16	0.015	0.025	0.027	0.031	0.170	0.110	0.065	0.021	0.014E	0.024	0.023	0.017	16
17	0.015	0.022	0.025	0.034	0.167	0.108	0.062	0.021	0.016E	0.026	0.022	0.018	17
18	0.014	0.019	0.022	0.034	0.176	0.113	0.065	0.018	0.018E	0.026	0.021	0.017	18
19	0.016	0.026	0.022	0.034	0.187	0.122	0.071	0.017	0.028E	0.025	0.021	0.018	19
20	0.017	0.021	0.023	0.037	0.187	0.110	0.079	0.023	0.027E	0.024	0.023	0.018	20
21	0.018	0.018	0.023	0.037	0.227	0.105	0.068	0.021	0.021E	0.023	0.023	0.016	21
22	0.022	0.018	0.025	0.037	0.238	0.105	0.059	0.019	0.017A	0.021	0.027	0.016	22
23	0.021	0.018	0.025	0.040	0.227	0.102	0.054	0.017	0.016	0.021	0.025	0.016	23
24	0.018	0.018	0.025	0.045	0.207	0.096	0.059	0.016	0.019	0.023	0.024	0.017	24
25	0.018	0.020	0.026	0.040	0.224	0.088	0.059	0.015	0.021	0.022	0.022	0.016	25
26	0.017	0.019	0.031	0.037	0.241	0.085	0.051	0.014	0.017	0.019	0.021	0.016	26
27	0.017	0.017	0.031	0.037	0.224	0.082	0.048	0.014	0.024	0.020	0.020	0.016	27
28	0.016	0.017	0.034	0.045	0.201	0.085	0.042	0.014	0.024	0.020	0.015	0.017	28
29	0.016		0.034	0.051	0.178	0.079	0.040	0.016	0.023	0.025	0.020	0.017	29
30	0.016		0.034	0.057	0.173	0.079	0.045	0.022	0.025	0.024	0.019	0.016	30
31	0.015		0.037		0.159		0.045	0.021E		0.024		0.016	31
TOTAL	0.528	0.490	0.718	1.013	4.768	3.381	1.963	0.774	0.557	0.792	0.648	0.542	TOTAL
MEAN	0.017	0.018	0.023	0.034	0.154	0.113	0.063	0.025	0.019	0.026	0.022	0.017	MEAN
MAX	0.022	0.026	0.037	0.057	0.241	0.150	0.079	0.042	0.028	0.041	0.027	0.021	MAX
MIN	0.014	0.014	0.017	0.023	0.065	0.079	0.040	0.014	0.012	0.019	0.015	0.015	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.044
MAXIMUM DAILY, 0.241 ON MAY 26
MINIMUM DAILY, 0.012E ON SEP 15
MAXIMUM INSTANTANEOUS,
0.258 AT 22:42 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 119 51 04 W
DRAINAGE AREA, 40.7 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45.6	JUL	170
FEB	42.3	AUG	66.°
MAR	62.0	SEP	48.1
APR	87.5	OCT	68.4
MAY	412	NOV	56.0
JUN	292	DEC	46.8

TOTAL DISCHARGE, 1 400 dam³

GREEN LAKE NEAR 70 MILE HOUSE - STATION NO. 08LF075

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.192	1.183	1.198	1.234E	1.265E	1.298	1.311	1.295	1.210	1.143	1.109	1.082	1
2	1.192E	1.183E	1.201E	1.234	1.268E	1.301	1.311	1.295	1.210	1.143	1.109	1.082	2
3	1.192	1.183	1.204	1.234	1.271E	1.308	1.311	1.298	1.210	1.143	1.109	1.082	3
4	1.192	1.183E	1.204E	1.234	1.274E	1.308	1.311	1.301	1.210	1.143	1.106	1.082	4
5	1.192E	1.183	1.204	1.234	1.277E	1.301	1.311	1.301	1.210	1.143	1.106	1.082	5
6	1.192E	1.183E	1.204E	1.237E	1.280E	1.295	1.308	1.298	1.207	1.140	1.103	1.079	6
7	1.192	1.183	1.204	1.241	1.283E	1.295	1.308	1.295	1.204	1.140	1.103	1.079	7
8	1.192E	1.177E	1.207E	1.241E	1.286E	1.295	1.305	1.295	1.201	1.140	1.103	1.079	8
9	1.192	1.167	1.210	1.241	1.289E	1.301	1.301	1.292	1.201	1.140	1.103	1.079	9
10	1.189E	1.170E	1.213E	1.244E	1.292E	1.305	1.301	1.289	1.195	1.137	1.103	1.079	10
11	1.186	1.173	1.216	1.244	1.292E	1.305	1.295	1.289	1.192	1.137	1.100	1.079	11
12	1.186	1.173E	1.216	1.244	1.289E	1.301	1.295	1.283	1.189	1.137	1.100	1.079	12
13	1.186E	1.173	1.219E	1.244E	1.289E	1.301	1.295	1.277	1.183	1.137	1.100	1.082	13
14	1.189	1.173E	1.219	1.244	1.289E	1.301	1.295	1.274	1.183	1.137	1.100	1.082	14
15	1.183	1.170	1.222E	1.244E	1.289E	1.308	1.295	1.268	1.177	1.134	1.100	1.082	15
16	1.183E	1.180	1.225	1.244	1.289E	1.311	1.298	1.265	1.173	1.134	1.097	1.082	16
17	1.183	1.180E	1.231E	1.247E	1.289E	1.311	1.295	1.265	1.170	1.131	1.094	1.082	17
18	1.186E	1.177	1.234	1.250	1.286E	1.311	1.295	1.262	1.170	1.128	1.094	1.082	18
19	1.186	1.180	1.234E	1.253E	1.286E	1.311	1.295	1.259	1.167	1.128	1.091	1.082	19
20	1.189E	1.183	1.234E	1.253	1.283E	1.311	1.295	1.256	1.164	1.122	1.091	1.082	20
21	1.189	1.186E	1.234	1.256E	1.283E	1.311	1.295	1.244	1.164	1.122	1.091	1.082E	21
22	1.192E	1.186	1.234E	1.259	1.283	1.311	1.295	1.234	1.158	1.122	1.091	1.082	22
23	1.192	1.186E	1.234	1.259E	1.280	1.317	1.295	1.231	1.158	1.122	1.091	1.085E	23
24	1.192E	1.183	1.234E	1.259E	1.280	1.326	1.295	1.225	1.155	1.122	1.091	1.085	24
25	1.192	1.189E	1.234	1.259E	1.280	1.323	1.295	1.219	1.158	1.119	1.088	1.085E	25
26	1.192E	1.192	1.234E	1.262E	1.286	1.317	1.292	1.219	1.152	1.119	1.088	1.088E	26
27	1.192	1.192E	1.234	1.262E	1.292	1.317	1.292	1.219	1.149	1.116	1.085	1.088	27
28	1.192E	1.192	1.234E	1.262E	1.292	1.311	1.292	1.219	1.149	1.116	1.085	1.088	28
29	1.189E		1.234	1.262E	1.292	1.311	1.295	1.219	1.146	1.116	1.085	1.091	29
30	1.189		1.234E	1.262E	1.292	1.311	1.295	1.216	1.143	1.109	1.085	1.091	30
31	1.186E		1.234		1.295		1.295	1.210		1.109		1.091	31
MEAN	1.189	1.181	1.222	1.248	1.285	1.308	1.299	1.262	1.179	1.130	1.097	1.083	MEAN
MAX	1.192	1.192	1.234	1.262	1.295	1.326	1.311	1.301	1.210	1.143	1.109	1.091	MAX
MIN	1.183	1.167	1.198	1.234	1.265	1.295	1.292	1.210	1.143	1.109	1.085	1.079	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.207
MAXIMUM DAILY, 1.326 ON JUN 24
MINIMUM DAILY, 1.079 ON DEC 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 22 30 N
LONG 121 15 46 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GREYBACK LAKE AT THE OUTLET - STATION NO. 08NM169

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.145	29.023E	29.047E	27.812	26.294	25.620	---	1
2	---	---	---	---	---	28.020	29.041E	29.026E	27.753	26.277	25.616	---	2
3	---	---	---	---	---	27.981	29.084E	29.014E	27.698	26.257	25.608	---	3
4	---	---	---	---	---	27.984	29.096E	28.993E	27.626	26.227	25.602	---	4
5	---	---	---	---	---	28.008	29.108E	28.977E	27.572	26.204	25.593	---	5
6	---	---	---	---	---	28.164	29.145E	28.959E	27.512	26.188	25.588	---	6
7	23.497A	---	---	---	---	28.228	29.169E	28.950E	27.452	26.183	25.577	---	7
8	---	---	---	---	---	28.231	29.191E	28.938E	27.388	26.167	25.566	---	8
9	---	---	---	---	---	28.240	29.212E	28.926E	27.319	26.147	25.559	---	9
10	---	---	---	---	---	28.319	29.236E	28.895E	27.259	26.133	25.550	---	10
11	---	---	---	---	---	28.389	29.261E	28.868E	27.199	26.109	25.537	---	11
12	---	---	---	---	---	28.417	29.264E	28.852E	27.124	26.084	25.530	---	12
13	---	---	---	---	---	28.447	29.264E	28.825E	27.061	26.055	25.528	---	13
14	---	---	---	---	24.795A	28.481	29.264E	28.794A	26.984	26.033	25.521	---	14
15	---	---	---	---	24.856	28.545A	29.264A	28.756	26.905	26.006	25.516	---	15
16	---	---	---	---	24.939	28.599A	29.258A	28.705	26.830	25.978	25.505	---	16
17	---	---	---	---	25.052	28.627A	29.252A	28.661	26.760	25.946	25.495	---	17
18	---	---	---	---	25.198	28.651E	29.252A	28.604	26.709	25.919	25.484	---	18
19	---	---	---	---	25.347	28.666E	29.246E	28.549	26.676	25.894	25.476	---	19
20	---	---	---	---	25.524	28.697E	29.236E	28.501	26.642	25.860	25.469	---	20
21	---	---	---	---	25.731	28.743E	29.215E	28.448	26.601	25.832	25.458	---	21
22	---	---	---	---	25.945	28.773E	29.200E	28.398	26.555	25.811	25.451	---	22
23	---	---	---	---	26.191	28.804E	29.182E	28.345	26.512	25.786	25.448A	---	23
24	---	---	---	---	26.399	28.840E	29.163E	28.290	26.480	25.756	25.439A	---	24
25	---	---	---	---	26.652	28.865E	29.145E	28.231	26.463	25.727	25.436A	---	25
26	---	---	---	---	26.957	28.889E	29.139E	28.173	26.431	25.703	---	---	26
27	---	---	---	---	27.182	28.913E	29.130E	28.108	26.398	25.680	---	---	27
28	---	---	---	---	27.359	28.944E	29.118E	28.037	26.368	25.664	---	---	28
29	---		---	---	27.548	28.965E	29.099E	27.982	26.349	25.646	---	---	29
30	---		---	---	27.786	28.986E	29.081E	27.926	26.323	25.634	---	---	30
31	---		---		28.011		29.060E	27.872		25.625		---	31
MEAN	---	---	---	---	---	28.519	29.174	28.602	26.959	25.962	---	---	MEAN
MAX	---	---	---	---	---	28.986	29.264	29.047	27.812	26.294	---	---	MAX
MIN	---	---	---	---	---	27.981	29.023	27.872	26.323	25.625	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 30 N
LONG 119 25 24 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GUICHON CREEK ABOVE TUNKWA LAKE DIVERSION - STATION NO. 08LG056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.089B	0.070B	0.088B	0.102B	0.377	0.736	0.264	0.551	0.102	0.094	0.079	0.058B	1
2	0.085B	0.074B	0.106B	0.095B	0.365	0.695	0.236	0.416	0.124	0.093	0.078	0.062B	2
3	0.083B	0.072B	0.102B	0.101B	0.325	0.641	0.210	0.367	0.102	0.090	0.077	0.049B	3
4	0.086B	0.069B	0.094B	0.111B	0.320	0.573	0.190	0.366	0.096	0.085	0.076	0.058B	4
5	0.089B	0.073B	0.091B	0.100B	0.320	0.529	0.169	0.328	0.096	0.084	0.072	0.069B	5
6	0.091B	0.070B	0.094B	0.104B	0.311	0.493	0.161	0.297	0.088	0.092	0.071B	0.060B	6
7	0.093B	0.074B	0.097B	0.103B	0.315	0.451	0.196	0.273	0.082	0.120	0.070B	0.064B	7
8	0.090B	0.070B	0.100B	0.102B	0.324	0.436	0.205	0.252	0.077	0.112	0.071	0.049B	8
9	0.097B	0.057B	0.108B	0.102B	0.348	0.538	0.171	0.234	0.074	0.106	0.071	0.060B	9
10	0.088B	0.052B	0.100B	0.100B	0.368	0.487	0.185	0.216	0.092	0.096	0.068	0.057B	10
11	0.084B	0.060B	0.101B	0.095B	0.376	0.425	0.278	0.199	0.070	0.089	0.072	0.049B	11
12	0.086B	0.076B	0.101B	0.100B	0.395	0.384	0.229	0.183	0.064	0.087	0.076	0.041B	12
13	0.084B	0.090B	0.107B	0.110B	0.406	0.453	0.199	0.167	0.060	0.087	0.075	0.045B	13
14	0.080B	0.111B	0.111B	0.123B	0.454	0.554	0.220	0.156	0.064	0.085	0.077	0.043B	14
15	0.077B	0.115B	0.109B	0.126B	0.667	0.460	0.214	0.145	0.063	0.085	0.078	0.044B	15
16	0.076B	0.121B	0.107B	0.117B	0.863	0.419	0.322	0.139	0.063	0.085	0.076	0.041B	16
17	0.079B	0.110B	0.103B	0.126B	0.887	0.392	0.240	0.131	0.060	0.083	0.071	0.048B	17
18	0.086B	0.119B	0.097B	0.133B	0.879	0.385	0.275	0.123	0.057	0.082	0.078	0.058B	18
19	0.092B	0.110B	0.101B	0.135B	1.16	0.398	0.268	0.116	0.072	0.082	0.075	0.062B	19
20	0.099B	0.097B	0.100B	0.127B	1.42	0.366	0.304	0.115	0.091	0.080	0.068	0.054B	20
21	0.106B	0.100B	0.120B	0.145B	1.76	0.340	0.326	0.126	0.079	0.067B	0.076	0.048B	21
22	0.100B	0.107B	0.120B	0.170B	1.95	0.336	0.324	0.116	0.076	0.063B	0.069	0.044B	22
23	0.096B	0.102B	0.100B	0.176B	1.65	0.328	0.295	0.107	0.074	0.079	0.068	0.040B	23
24	0.090B	0.093B	0.109B	0.160B	1.47	0.303	0.278	0.102	0.074	0.080	0.059	0.046B	24
25	0.084B	0.094B	0.120B	0.140B	1.46	0.288	0.265	0.094	0.092	0.080	0.051	0.044B	25
26	0.092B	0.093B	0.111B	0.153B	1.45	0.271	0.234	0.090	0.094	0.080	0.056B	0.042B	26
27	0.094B	0.080B	0.117B	0.169B	1.22	0.281	0.215	0.089	0.089	0.080	0.054B	0.044B	27
28	0.089B	0.070B	0.110B	0.190B	1.05	0.269	0.193	0.083	0.097	0.084	0.052B	0.042B	28
29	0.086B		0.105B	0.201A	0.932	0.242	0.212	0.087	0.094	0.083	0.055B	0.038B	29
30	0.100B		0.123B	0.249	0.838	0.234	0.358	0.099	0.092	0.079	0.052B	0.035B	30
31	0.080B		0.116B		0.849		0.350	0.094		0.078		0.031B	31
TOTAL	2.751	2.429	3.266	3.965	25.509	12.707	7.586	5.861	2.458	2.670	2.071	1.525	TOTAL
MEAN	0.089	0.087	0.105	0.132	0.823	0.424	0.245	0.189	0.082	0.086	0.069	0.049	MEAN
MAX	0.106	0.121	0.123	0.249	1.95	0.736	0.358	0.551	0.124	0.120	0.079	0.069	MAX
MIN	0.076	0.052	0.088	0.095	0.311	0.234	0.161	0.083	0.057	0.063	0.051	0.031	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.199
MAXIMUM DAILY, 1.95 ON MAY 22
MINIMUM DAILY, 0.031B ON DEC 31
MAXIMUM INSTANTANEOUS,
2.14 AT 20:34 PST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 30 N
LONG 120 54 39 W
DRAINAGE AREA, 78.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	238	JUL	655
FEB	210	AUG	506
MAR	282	SEP	212
APR	343	OCT	231
MAY	2 200	NOV	179
JUN	1 100	DEC	132

TOTAL DISCHARGE, 6 290 dam³

GUICHON CREEK NEAR LOWER NICOLA - STATION NO. 08LG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.489	0.287	0.424	0.369	2.34	7.11	2.07	2.98	0.620	0.516	0.711	0.688	1
2	0.489	0.275B	0.369	0.409	2.48	7.11	2.07	2.98	0.557	0.516	0.711	0.711	2
3	0.453	0.261B	0.347	0.394	2.68	7.42	1.97	2.81	0.557	0.516	0.711	0.738	3
4	0.438	0.249B	0.336	0.369	2.62	7.63	2.12	2.71	0.557	0.536	0.738	0.738	4
5	0.409	0.241B	0.326	0.379	2.82	6.70	2.02	2.36	0.557	0.516	0.738	0.765	5
6	0.358	0.229B	0.326	0.379	3.28	6.10	1.93	2.51	0.557	0.557	0.738	0.819	6
7	0.336	0.218B	0.297	0.394	3.44	5.45	1.89	2.21	0.536	0.597	0.738	0.847	7
8	0.336	0.210B	0.297	0.379	3.28	4.45	1.85	2.12	0.536	0.597	0.738	0.877	8
9	0.336	0.201B	0.287	0.379	3.36	4.21	1.77	1.97	0.516	0.597	0.711	0.907	9
10	0.326	0.195B	0.287	0.369	3.68	3.64	1.73	1.77	0.516	0.577	0.711	1.03	10
11	0.316	0.221B	0.278	0.369	3.44	3.76	2.17	1.69	0.516	0.577	0.665	0.878B	11
12	0.326	0.261B	0.278	0.369	3.21	3.76	2.02	1.57	0.516	0.577	0.765	0.680B	12
13	0.336	0.297B	0.278	0.358	3.52	3.89	2.26	1.42	0.516	0.597	0.738	0.725B	13
14	0.316	0.354B	0.297	0.347	3.36	3.27	2.07	1.23	0.496	0.597	0.711	0.694B	14
15	0.306	0.394	0.297	0.358	3.52	3.27	2.61	1.10	0.496	0.597	0.711	0.708B	15
16	0.264	0.438	0.297	0.358	3.85	3.27	2.46	0.792	0.496	0.597	0.711	0.665B	16
17	0.238	0.526	0.326	0.358	4.34	3.10	2.46	0.847	0.516	0.597	0.711	0.708B	17
18	0.297B	0.544	0.326	0.347	5.06	3.04	2.46	0.847	0.536	0.597	0.711	0.850B	18
19	0.368B	0.526	0.326	0.409	5.78	2.81	2.51	0.665	0.516	0.597	0.711	0.967	19
20	0.424	0.757	0.336	0.526	5.66	2.61	2.46	0.738	0.536	0.597	0.711	0.892B	20
21	0.394	0.682	0.336	0.612	5.66	2.76	2.46	0.711	0.536	0.643	0.711	0.835B	21
22	0.336	0.589	0.306	0.757	7.72	2.51	2.41	0.688	0.536	0.665	0.738	0.736B	22
23	0.316	0.507	0.306	0.968	8.14	2.36	2.61	0.597	0.536	0.665	0.711	0.665B	23
24	0.316	0.507	0.316	1.39	9.17	2.36	2.92	0.577	0.516	0.665	0.688	0.759B	24
25	0.316	0.489	0.316	1.56	10.8	2.17	3.10	0.620	0.516	0.665	0.665	0.708B	25
26	0.316	0.489	0.316	1.81	10.5	2.26	3.10	0.665	0.516	0.665	0.643	0.680B	26
27	0.316	0.471	0.326	1.76	11.8	2.21	3.15	0.597	0.536	0.688	0.643	0.708B	27
28	0.306	0.438	0.326	1.98	12.2	2.26	3.27	0.597	0.536	0.688	0.643	0.708B	28
29	0.306		0.347	1.98	11.6	2.26	3.21	0.597	0.496	0.688	0.643	0.623B	29
30	0.316		0.379	2.21	10.1	2.17	3.39	0.597	0.536	0.688	0.665	0.566B	30
31	0.316		0.369		7.84		2.98	0.597		0.711		0.510B	31
TOTAL	10.715	10.856	9.978	22.646	177.25	115.92	75.50	42.162	15.909	18.886	21.140	23.385	TOTAL
MEAN	0.346	0.388	0.322	0.755	5.72	3.86	2.44	1.36	0.530	0.609	0.705	0.754	MEAN
MAX	0.489	0.757	0.424	2.21	12.2	7.63	3.39	2.98	0.620	0.711	0.765	1.03	MAX
MIN	0.238	0.195	0.278	0.347	2.34	2.17	1.73	0.577	0.496	0.516	0.643	0.510	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 12.2 ON MAY 28
MINIMUM DAILY, 0.195B ON FEB 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 08 58 N
LONG 120 52 40 W
DRAINAGE AREA, 1 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	926	JUL	6 520
FEB	938	AUG	3 640
MAR	862	SEP	1 370
APR	1 960	OCT	1 630
MAY	15 300	NOV	1 830
JUN	10 000	DEC	2 020

TOTAL DISCHARGE, 47 000 dam³

HAIRSINE CREEK NEAR THE MOUTH - STATION NO. 08NH138

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.874	0.454	0.150	0.320	0.142	0.057	2.25	---	---	1
2	---	---	---	0.711	0.425	0.174	0.252	0.095	0.057	---	---	---	2
3	---	---	---	0.558	0.340	0.269	0.222	0.095	0.057	---	---	---	3
4	---	---	---	0.445	0.340	0.184	0.193	0.095	0.060	---	---	---	4
5	---	---	---	2.62 E	0.297	1.28	0.193	0.095	0.060	---	---	---	5
6	---	---	---	0.820	0.297	1.23	0.187	0.091	0.057	---	---	---	6
7	---	---	---	0.558	0.304	0.592	0.187	0.083	0.055	---	---	---	7
8	---	---	---	0.603	0.248	0.592	0.187	0.080	0.055	---	---	---	8
9	---	---	---	0.435	0.269	0.603	0.172	0.076	0.055	---	---	---	9
10	---	---	---	0.569	0.283	2.74	0.172	0.076	0.057	---	---	---	10
11	---	---	---	0.652	0.304	0.626	0.172	0.057	0.057	---	---	---	11
12	---	---	---	0.614	0.234	0.572	0.172	0.057	0.057	---	---	---	12
13	---	---	---	0.504	0.234	0.572	0.187	0.057	0.057	---	---	---	13
14	---	---	---	0.391	0.248	0.572	0.172	0.057	0.057	---	---	---	14
15	---	---	---	0.340	0.184	0.382E	0.142	0.057	0.055	0.187	---	---	15
16	---	---	---	0.348	0.184	0.422E	0.142	0.057	0.055	---	---	---	16
17	---	---	---	0.276	0.189	0.405E	0.162	0.057	0.055	---	---	---	17
18	---	---	---	0.262	0.212	0.680E	0.193	0.060	0.055	---	---	---	18
19	---	---	---	0.248	0.227	1.40 E	0.193	0.057	0.055	---	---	---	19
20	---	---	---	0.234	0.212	1.02	0.193	0.057	0.064	---	---	---	20
21	---	---	---	0.297	0.189	1.06	0.177	0.052	0.080	---	---	---	21
22	---	---	---	1.38	0.155	0.885	0.142	0.052	0.100	---	---	---	22
23	---	---	---	1.33	0.126	0.885	0.142	0.052	0.087	---	---	---	23
24	---	---	---	0.755	0.131	0.626	0.123	0.052	0.091	---	---	---	24
25	---	---	---	0.603	0.136	0.572	0.114	0.052	0.087	---	---	---	25
26	---	---	---	0.399	0.150	0.358	0.095	0.052	0.080	---	---	---	26
27	---	---	---	0.755	0.174	0.351	0.095	0.052	0.087	0.331	---	---	27
28	---	---	---	0.891	0.131	0.351	0.095	0.052	0.087	---	---	---	28
29	---		---	0.740	0.131	0.358	0.320	0.052	0.080	---	---	---	29
30	---		---	0.504	0.136	0.396	0.252	0.052	0.080	---	---	---	30
31	---		---		0.160		0.193	0.055		---		---	31
TOTAL	---	---	---	19.716	7.104	20.307	5.561	2.076	1.996	---	---	---	TOTAL
MEAN	---	---	---	0.657	0.229	0.677	0.179	0.067	0.067	---	---	---	MEAN
MAX	---	---	---	2.62	0.454	2.74	0.320	0.142	0.100	---	---	---	MAX
MIN	---	---	---	0.234	0.126	0.150	0.095	0.052	0.055	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 11 26 N
LONG 122 22 30 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	480
FEB	---	AUG	179
MAR	---	SEP	172
APR	1 700	OCT	---
MAY	614	NOV	---
JUN	1 750	DEC	---

HALFWAY RIVER ABOVE GRAHAN RIVER - STATION NO. 07FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.50B	4.75B	3.77B	3.47B	37.1	212	103	44.0E	59.7E	18.4	14.5 B	9.95B	1
2	7.15B	4.70B	3.72B	3.46B	49.9	206	94.3	44.7E	56.7E	19.2	14.0 B	10.0 B	2
3	7.00B	4.65B	3.66B	3.48B	43.4	187	89.3	45.9E	56.8E	20.0	14.4 B	9.90B	3
4	6.95B	4.45B	3.61B	3.49B	40.4	163	84.8	45.7E	54.2E	19.1	13.2 B	9.40B	4
5	6.90B	4.20B	3.60B	3.45B	39.0	146	79.6	42.5E	49.7E	18.6	13.2 B	9.00B	5
6	6.75B	4.00B	3.58B	3.40B	40.7	132	72.4	39.9E	46.3E	18.2	13.8 B	8.70B	6
7	6.45B	3.75B	3.58B	3.35B	43.3	122	65.6	38.0E	42.3E	18.2	12.9 B	8.30B	7
8	6.30B	3.55B	3.60B	3.33B	53.5	111	61.9A	35.4E	39.5E	18.7	11.9 B	8.05B	8
9	6.25B	3.54B	3.69B	3.32B	72.8	104	60.4E	30.0E	38.1E	18.6	12.3 B	7.95B	9
10	6.30B	3.49B	3.70B	3.30B	66.8E	99.4	55.6E	24.4A	35.9E	17.7	13.1 B	7.85B	10
11	6.35B	3.49B	3.69B	3.29B	61.4	95.7	52.5E	22.2	33.8E	17.4	12.8 B	7.76B	11
12	6.40B	3.51B	3.65B	3.32B	61.6	96.4	48.1E	20.6A	32.4E	17.2	12.1 B	7.58B	12
13	6.35B	3.62B	3.65B	3.40B	62.3	95.1	45.8E	20.9E	31.6E	16.7	11.2 B	7.42B	13
14	6.20B	3.71B	3.70B	3.55B	66.7	87.7	45.5E	20.4E	30.0E	16.6	10.7 B	7.40B	14
15	5.95B	3.80B	3.76B	4.00B	65.8	86.9	52.0E	19.8E	29.0E	17.6	10.1 B	7.48B	15
16	5.75B	3.81B	3.75B	4.60B	62.3	101	50.8A	18.4E	27.3E	19.0	9.80B	7.60B	16
17	5.65B	3.81B	3.71B	5.30B	62.0	146	49.0	17.6E	25.8E	19.4	9.75B	7.80B	17
18	5.60B	3.78B	3.66B	6.60B	66.8	135	47.7	17.9E	25.1E	20.3	9.80B	8.00B	18
19	5.60B	3.76B	3.55B	8.00B	81.8	133	47.2	17.5E	25.2A	20.1	10.0 B	8.10B	19
20	5.70B	3.78B	3.50B	9.80B	108	123 E	50.2	16.9E	24.5A	19.8	10.1 B	8.18B	20
21	5.75B	3.80B	3.44B	11.8 B	118	116 E	54.8	16.5E	23.9E	18.8	9.80B	7.90B	21
22	5.80B	3.81B	3.40B	14.4 B	150	111 E	58.4A	15.6E	23.4E	17.6	9.45B	7.70B	22
23	5.75B	3.81B	3.41B	17.2 B	190	114 E	71.5E	15.1E	22.9E	17.7	9.30B	7.62B	23
24	5.60B	3.75B	3.40B	20.6 B	190	119 E	65.9E	15.0E	22.3E	17.6	9.50B	7.59B	24
25	5.45B	3.66B	3.41B	19.0 B	185	123 E	62.2E	15.1E	22.0A	17.5	9.65B	7.75B	25
26	5.25B	3.62B	3.41B	17.7 B	237	139 E	55.7E	15.4E	21.3	17.5	9.60B	7.50B	26
27	5.10B	3.68B	3.51B	18.4 B	426	134 E	53.5E	17.3E	20.5	16.5	9.65B	7.20B	27
28	4.95B	3.76B	3.55B	20.5 E	377	126 E	49.8E	39.9E	20.1	16.1B	10.0 B	7.00B	28
29	4.65B		3.55B	21.3 E	240	115 E	48.6E	55.5E	19.4	15.9B	9.90B	6.75B	29
30	4.65B		3.52B	22.0 A	208	107 A	46.6E	64.7E	19.0	15.0B	9.80B	6.63B	30
31	4.70B		3.48B		230		44.7E	61.9E		14.2B		6.58B	31
TOTAL	184.75	108.04	111.21	268.81	3 736.6	3 786.2	1 867.4	914.7	978.7	555.2	336.30	246.64	TOTAL
MEAN	5.96	3.86	3.59	8.96	121	126	60.2	29.5	32.6	17.9	11.2	7.96	MEAN
MAX	7.50	4.75	3.77	22.0	426	212	103	64.7	59.7	20.3	14.5	10.0	MAX
MIN	4.65	3.49	3.40	3.29	37.1	86.9	44.7	15.0	19.0	14.2	9.30	6.58	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.9
MAXIMUM DAILY, 426 ON MAY 27
MINIMUM DAILY, 3.29B ON APR 11
MAXIMUM INSTANTANEOUS,
464 AT 12:45 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 30 N
LONG 122 14 28 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 000	JUL	161 000
FEB	9 330	AUG	79 000
MAR	9 610	SEP	84 600
APR	23 200	OCT	48 000
MAY	323 000	NOV	29 100
JUN	327 000	DEC	21 300

TOTAL DISCHARGE, 1 130 000 dam³

HALFWAY RIVER NEAR FARRELL CREEK(LOWER STATION) - STATION NO. 07FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4B	12.6B	11.1B	10.4 B	277E	551	207	88.4	105	33.9	27.8B	20.5B	1
2	17.0B	12.6B	11.1B	10.3 B	363E	497	193	88.3	103	34.2	27.7B	20.7B	2
3	16.8B	12.7B	10.8B	10.3 B	343E	432	182	88.0	104	37.7	27.3B	20.9B	3
4	16.7B	12.6B	10.6B	10.3 B	317E	377	178	85.5	98.9	38.1	26.8B	20.6B	4
5	16.6B	12.4B	10.4B	10.2 B	303E	339	170	79.9	91.8	36.3	26.0B	19.9B	5
6	16.6B	12.1B	10.4B	10.1 B	299E	306	154	74.8	86.1	34.8	27.1B	19.0B	6
7	16.4B	11.8B	10.4B	10.0 B	300E	281	140	70.9	79.5	34.6	25.0B	18.3B	7
8	16.0B	11.4B	10.5B	9.90B	314E	258	130	66.7	74.5	35.4	23.5B	17.9B	8
9	15.8B	11.1B	10.7B	9.70B	393E	238	120	63.3	71.2	35.2	22.5B	17.5B	9
10	15.5B	10.9B	11.0B	9.60B	411E	223	112	60.1	67.4	33.6	23.1B	17.4B	10
11	15.5B	10.7B	11.1B	9.57B	391E	215	107	57.6	64.6	33.6	25.0B	17.4B	11
12	15.5B	10.6B	10.9B	9.60B	364E	210	102	55.1	62.1	32.9	23.2B	16.8B	12
13	15.6B	10.7B	11.0B	9.70B	352E	208	100	53.5	60.0	31.9	21.9B	16.3B	13
14	15.6B	10.8B	11.1B	10.1 B	358E	201	105	51.9	57.1	31.6	20.5B	16.1B	14
15	15.7B	11.3B	11.2B	10.5 B	357E	196	118	49.8	54.8	31.6	20.0B	16.0B	15
16	15.4B	11.6B	11.1B	11.2 B	386E	209	122	47.4	52.1	33.1	19.9B	16.1B	16
17	15.1B	11.8B	11.0B	12.9 B	338E	299	110	46.1	49.7	35.6	19.9B	16.6B	17
18	14.8B	11.8B	10.7B	17.0 B	339E	299	105	45.8	48.1	38.1	20.1B	16.9B	18
19	14.6B	11.6B	10.4B	25.0 B	360E	275	101	44.3	46.2	38.2	20.5B	17.4B	19
20	14.5B	11.4B	10.2B	37.0 B	391E	280	103	42.9	44.6	38.3	20.4B	17.6B	20
21	14.4B	11.4B	10.1B	53.0 B	414E	274	118	41.6	43.5	37.8	20.0B	17.2B	21
22	14.4B	11.4B	10.1B	78.0 B	421E	266	137	40.2	42.6	34.8	19.8B	16.2B	22
23	14.3B	11.2B	10.0B	113 B	500E	262	147	38.8	42.1	32.9	19.7B	16.0B	23
24	14.2B	11.1B	10.0B	159 B	516E	257	139	38.3	41.2	33.4	19.9B	16.1B	24
25	14.0B	10.9B	10.1B	240 B	493E	259	128	37.8	39.3	33.4	20.1B	16.3B	25
26	13.9B	10.8B	10.3B	223 B	539E	272	117	38.9	38.3	33.4	20.0B	16.1B	26
27	13.7B	10.9B	10.4B	203 B	776E	259	110	47.5	37.0	32.3	20.1B	15.3B	27
28	13.5B	10.9B	10.5B	216 E	841A	241	103	75.3	36.3	31.6	20.8B	14.9B	28
29	13.2B		10.6B	256 E	643	225	100	104	35.6	29.0B	21.1B	14.6B	29
30	12.8B		10.6B	266 E	521	215	95.8	114	34.3	28.2B	20.3B	14.2B	30
31	12.6B		10.4B		517		91.0	108		27.3B		14.0B	31
TOTAL	468.1	321.1	328.8	2 060.37	13 097	8 424	3 944.8	1 944.7	1 810.9	1 052.8	670.0	530.8	TOTAL
MEAN	15.1	11.5	10.6	68.7	422	281	127	62.7	60.4	34.0	22.3	17.1	MEAN
MAX	17.4	12.7	11.2	266	841	551	207	114	105	38.3	27.8	20.9	MAX
MIN	12.6	10.6	10.0	9.57	277	196	91.0	37.8	34.3	27.3	19.7	14.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 94.9
MAXIMUM DAILY, 841A ON MAY 28
MINIMUM DAILY, 9.57B ON APR 11
MAXIMUM INSTANTANEOUS,
872 AT 11:30 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 13 40 N
LONG 121 28 50 W
DRAINAGE AREA, 9 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 400	JUL	341 000
FEB	27 700	AUG	168 000
MAR	28 400	SEP	156 000
APR	178 000	OCT	91 000
MAY	1 130 000	NOV	57 900
JUN	728 000	DEC	45 900

TOTAL DISCHARGE, 2 990 000 dam³

HALFWAY RIVER NEAR FARRELL CREEK(UPPER STATION) - STATION NO. 07FA005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.966	0.907	0.954	1.383	2.022	1.244	0.872	1.050	0.642	0.614	---	1
2	---	0.950	0.907	0.937	1.599	1.884	1.199	0.876	1.051	0.654	0.601	---	2
3	---	0.938	0.905	0.949	1.551	1.738	1.172	0.884	1.053	0.684	0.600	---	3
4	---	0.934	0.903	0.936	1.487	1.594	1.163	0.873	1.028	0.673	0.597	---	4
5	---	0.934	0.902	0.934	1.451	1.529	1.136	0.841	0.993	0.654	0.597	---	5
6	---	0.934	0.900	0.923	1.441	1.449	1.087	0.820	0.966	0.642	0.612	---	6
7	---	0.932	0.884	0.861	1.443	1.393	1.037	0.787	0.933	0.665	0.601	---	7
8	---	0.927	0.877	0.835	1.479	1.346	0.997	0.767	0.904	0.678	0.558	---	8
9	---	0.922	0.877	0.837	1.669	1.297	0.961	0.747	0.884	0.671	0.563	---	9
10	---	0.918	0.879	0.771	1.711	1.253	0.927	0.734	0.859	0.660	0.595	---	10
11	---	0.902	0.892	0.815	1.665	1.228	0.895	0.717	0.843	0.653	0.610	---	11
12	---	0.900	0.904	0.847	1.600	1.229	0.878	0.698	0.825	0.642	0.595	---	12
13	---	0.903	0.904	0.811	1.571	1.222	0.886	0.686	0.812	0.635	0.574	---	13
14	---	0.899	0.909	0.828	1.586	1.201	0.923	0.674	0.797	0.635	0.515	---	14
15	---	0.895	0.909	0.802	1.584	1.186	0.989	0.665	0.777	0.640	1.163	---	15
16	1.004	0.902	0.926	0.789	1.557	1.250	0.986	0.652	0.760	0.656	1.182	---	16
17	0.991	0.908	0.931	0.718	1.537	1.462	0.931	0.644	0.746	0.671	1.192	---	17
18	0.978	0.911	0.924	0.637	1.541	1.440	0.908	0.635	0.735	0.689	1.167	---	18
19	0.976	0.921	0.910	0.585	1.591	1.417	0.898	0.625	0.726	0.690	1.142	---	19
20	0.986	0.928	0.893	0.654	1.664	1.424	0.915	0.616	0.716	0.688	1.238	---	20
21	0.995	0.929	0.874	0.745	1.719	1.411	1.004	0.604	0.708	0.677	1.177	---	21
22	1.004	0.928	0.856	0.842	1.733	1.393	1.082	0.601	0.705	0.654	1.188	---	22
23	1.011	0.930	0.835	0.847	1.913	1.390	1.109	0.594	0.699	0.649	1.148	---	23
24	1.015	0.924	0.836	1.025	1.948	1.384	1.079	0.586	0.694	0.653	1.032	---	24
25	1.009	0.914	0.845	1.397	1.898	1.402	1.032	0.580	0.690	0.647	---	---	25
26	1.010	0.920	0.851	1.288	2.001	1.422	0.998	0.607	0.683	0.644	---	---	26
27	0.998	0.924	0.870	1.173	2.511	1.381	0.963	0.713	0.670	0.629	---	---	27
28	0.980	0.915	0.901	1.213	2.662	1.343	0.941	0.920	0.657	0.631	---	---	28
29	0.979		0.939	1.328	2.242	1.301	0.925	1.060	0.651	0.629	---	---	29
30	0.971		0.963	1.354	1.997	1.269	0.903	1.096	0.645	0.605	---	---	30
31	0.973		0.933		1.988		0.880	1.066		0.600		---	31
MEAN	---	0.922	0.895	0.921	1.733	1.409	1.002	0.750	0.809	0.653	---	---	MEAN
MAX	---	0.966	0.963	1.397	2.662	2.022	1.244	1.096	1.053	0.690	---	---	MAX
MIN	---	0.895	0.835	0.585	1.383	1.186	0.878	0.580	0.645	0.600	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.662 ON MAY 28
MINIMUM DAILY, 0.515 ON NOV 14
MAXIMUM INSTANTANEOUS,
2.715 AT 10:33 PST ON MAY 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 15 04 N
LONG 121 37 39 W

NATURAL FLOW

DRAINAGE AREA,
9 350 km²

9 350 ²

HARPER CREEK NEAR THE MOUTH - STATION NO. 08LB076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.69B	1.19 B	1.22	1.78	9.38	18.5	11.3	3.30	3.45	5.52	4.94	2.27	1
2	1.62B	1.17 B	1.24	1.78	9.11	17.8	11.1	2.89	3.07	7.98	4.99	2.16	2
3	1.58B	1.14 B	1.25	1.76	7.77	16.9	12.1	2.97	2.52	5.23	4.72	2.10	3
4	1.61B	1.12 B	1.24	1.72	6.95	16.6	11.7	2.98	2.72	4.10	4.00A	2.12	4
5	1.64B	1.10 B	1.20	1.74	6.51	15.5	10.1	2.66	2.52	3.50	3.78	1.99	5
6	1.67B	1.04 B	1.19	1.72	5.84	16.1	8.46	2.46	2.18	3.89	3.53	1.92	6
7	1.62B	0.990B	1.25	1.69	5.70	13.6	7.81	2.28	1.99	16.1	3.36	1.91	7
8	1.65B	0.946B	1.14	1.65	5.75	12.1	6.65	2.16	1.85	9.40	3.19	1.86	8
9	1.51B	0.881B	1.14	1.64	6.51	11.2	5.66	2.03	1.73	7.35	3.03	1.91	9
10	1.48B	0.804B	1.15	1.61	7.70	10.8	5.56	1.96	1.70	6.01	2.87	1.89	10
11	1.47B	0.723B	1.15	1.58	7.77	9.92	6.68	1.83	1.57	5.10	2.98	1.78	11
12	1.45B	0.795B	1.15	1.55	8.04	8.91	6.03	1.76	1.49	4.43	6.69	1.40B	12
13	1.41B	0.850B	1.18	1.49	9.15	8.58	5.76	1.68	1.39	3.99	4.73	1.47B	13
14	1.34B	0.946B	1.21	1.48	10.6	10.7	6.61	1.57	1.36	3.71	4.24	1.42B	14
15	1.17B	1.07 B	1.25	1.53	12.3	11.3	9.01	1.50	1.30	3.66	4.04	1.40B	15
16	1.07B	1.28 B	1.44	1.56	14.1	11.1	8.13	1.44	1.27	3.76	3.79	1.35B	16
17	1.04B	1.33 B	1.39	1.64	15.8	9.96	6.81	1.50	1.20	3.66	3.43	1.45B	17
18	1.09B	1.37 B	1.38	1.79	18.4	9.98	6.00	1.41	1.16	3.49	3.35	1.70B	18
19	1.12B	1.40	1.42	2.09	21.5	10.0	5.62	1.32	1.62	3.38	3.24	2.00B	19
20	1.17B	1.40	1.39	2.70	25.3	9.62	6.24	1.63	1.46	3.10	3.08	1.75B	20
21	1.21B	1.33	1.42	2.85	24.9	9.34	5.99	1.88	1.49	2.87	3.10	1.60B	21
22	1.28B	1.31	1.47	3.00	24.3	10.3	5.12	1.51	1.59	2.79	3.01	1.50B	22
23	1.36B	1.29	1.48	3.55	25.5	10.4	4.56	1.38	1.74	2.65	2.83	1.30B	23
24	1.48B	1.31	1.48	4.97	28.7	10.1	4.38	1.31	1.77	2.73	2.68	1.40B	24
25	1.57B	1.27	1.50	4.56	33.5	10.3	3.95	1.24	1.66	2.99	2.56	1.50B	25
26	1.58B	1.23	1.54	4.28	31.0	11.4	3.62	1.17	1.53	3.48	2.51	1.40B	26
27	1.57B	1.25	1.53	4.22	20.5	11.0	3.67	1.13	1.47	3.35	2.33	1.35B	27
28	1.52B	1.26	1.57	4.13	17.4	10.1	3.66	1.11	2.44	5.80	2.27	1.35B	28
29	1.41B		1.70	4.50	18.2	10.3	3.42	1.24	2.30	5.53	2.26	1.30B	29
30	1.28B		1.76	5.86	24.2	11.0	3.49	1.53	2.26	4.41	2.27	1.20B	30
31	1.21B		1.78		25.0		3.51	1.32		4.24		1.12B	31
TOTAL	43.87	31.795	42.21	76.42	487.48	353.41	202.70	56.15	55.80	148.20	103.80	50.87	TOTAL
MEAN	1.42	1.14	1.36	2.55	15.7	11.8	6.54	1.81	1.86	4.78	3.46	1.64	MEAN
MAX	1.69	1.40	1.78	5.86	33.5	18.5	12.1	3.30	3.45	16.1	6.69	2.27	MAX
MIN	1.04	0.723	1.14	1.48	5.70	8.58	3.42	1.11	1.16	2.65	2.26	1.12	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.53
MAXIMUM DAILY, 33.5 ON MAY 25
MINIMUM DAILY, 0.723B ON FEB 11
MAXIMUM INSTANTANEOUS,
40.7 AT 21:55 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 15 N
LONG 119 52 50 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 790	JUL	17 500
FEB	2 750	AUG	4 850
MAR	3 650	SEP	4 820
APR	6 600	OCT	12 800
MAY	42 100	NOV	8 970
JUN	30 500	DEC	4 400

TOTAL DISCHARGE, 143 000 dam³

HARRISON LAKE NEAR HARRISON HOT SPRINGS - STATION NO. 08MG012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	9.561	9.420	8.839	9.664	11.022	10.222	10.405	9.638	9.392	10.538	9.599	1
2	---	9.510	9.374	8.843	9.708	11.016	10.244	10.341	9.658	9.537	10.802	9.589	2
3	---	9.458	9.326	8.854	9.725	11.004	10.275	10.285	9.661	9.579	10.908	9.567	3
4	---	9.404	9.290	8.855	9.715	11.042	10.323	10.238	9.633	9.561	10.906	9.530	4
5	---	9.356	9.252	8.880	9.693	11.043	10.400	10.190	9.620	9.539	10.820	9.627	5
6	---	9.307	9.212	8.925	9.651	11.108	10.453	10.145	9.604	9.579	10.694	9.718	6
7	10.058A	9.254	9.173	8.934	9.612	11.070	10.481	10.114	9.572	9.782	10.549	9.710	7
8	9.962	9.210	9.138	8.938	9.575	10.978	10.481	10.106	9.539	9.886	10.408	9.689	8
9	9.871	9.185	9.102	8.939	9.541	10.891	10.432	10.115	9.526	9.916	10.268	9.695	9
10	9.796	9.128	9.070	8.956	9.527	10.823	10.376	10.140	9.532	9.893	10.139	9.818	10
11	9.713	9.086	9.038	8.966	9.507	10.749	10.318	10.167	9.533	9.883	10.140	9.847	11
12	9.637	9.058	9.005	8.972	9.495	10.627	10.275	10.200	9.523	9.776	10.399	9.811	12
13	9.565	9.036	8.977	8.962	9.498	10.545	10.243	10.231	9.511	9.698	10.475	9.746	13
14	9.497	9.058	8.952	8.950	9.499	10.447	10.229	10.247	9.492	9.627	10.486	9.688	14
15	9.433	9.162	8.930	8.934	9.516	10.361	10.227	10.257	9.463	9.557	10.569	9.630	15
16	9.375	9.280	8.906	8.927	9.528	10.311	10.244	10.261	9.438	9.506	10.581	9.559	16
17	9.318	9.485	8.900	8.936	9.529	10.279	10.272	10.259	9.412	9.469	10.532	9.501	17
18	9.282	9.633	8.886	8.937	9.541	10.236	10.306	10.247	9.406	9.419	10.443	9.444	18
19	9.265	9.732	8.860	8.929	9.596	10.214	10.354	10.224	9.423	9.371	10.342	9.476	19
20	9.253	9.826	8.829	8.940	9.665	10.217	10.387	10.193	9.453	9.338	10.246	9.540	20
21	9.288	9.824	8.816	8.963	9.757	10.207	10.417	10.161	9.472	9.310	10.204	9.526	21
22	9.444	9.790	8.805	8.990	9.862	10.187	10.427	10.115	9.473	9.260	10.207	9.486	22
23	9.638	9.731	8.808	9.065	9.939	10.206	10.429	10.055	9.462	9.215	10.168	9.442	23
24	9.760	9.679	8.802	9.250	10.061	10.193	10.442	10.000	9.434	9.173	10.094	9.396	24
25	9.810	9.634	8.799	9.376	10.262	10.153	10.453	9.969	9.393	9.137	10.015	9.363	25
26	9.820	9.585	8.800	9.433	10.488	10.132	10.463	9.924	9.342	9.117	9.940	9.331	26
27	9.807	9.531	8.787	9.465	10.627	10.146	10.474	9.872	9.305	9.179	9.860	9.296	27
28	9.766	9.476	8.779	9.492	10.706	10.145	10.495	9.818	9.352	9.430	9.768	9.251	28
29	9.719		8.785	9.539	10.765	10.156	10.509	9.758	9.392	9.569	9.698	9.207	29
30	9.665		8.786	9.574	10.867	10.178	10.499	9.704	9.365	9.634	9.634	9.157	30
31	9.613		8.816		10.993		10.464	9.662		9.934		9.132	31
MEAN	---	9.428	8.981	9.052	9.875	10.523	10.375	10.110	9.488	9.523	10.328	9.528	MEAN
MAX	---	9.826	9.420	9.574	10.993	11.108	10.509	10.405	9.661	9.934	10.908	9.847	MAX
MIN	---	9.036	8.779	8.839	9.495	10.132	10.222	9.662	9.305	9.117	9.634	9.132	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 31 N
LONG 121 46 25 W

NATURAL FLOW

MINIMUM DAILY, 8.779 ON MAR 28

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER AT HARRISON MILLS - STATION NO. 08MG014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.514	1.898	1.622	1.469	3.024	5.359	4.026	3.839	2.523	1.777	---	1.669	1
2	3.353	1.794	1.551	1.554	3.040	5.346	3.972	3.812	2.475	2.058	---	1.751	2
3	3.201	1.723	1.501	1.586	2.979	5.432	4.032	3.761	2.390	1.882	---	1.635	3
4	3.019	1.646	1.462	1.553	3.030	5.499	4.095	3.685	2.340	1.789	---	1.546	4
5	2.816	1.596	1.419	1.654	3.049	5.432	4.150	3.585	2.359	1.761	2.930A	1.842	5
6	2.636	1.530	1.382	1.609	3.039	5.461	4.159	3.489	2.376	1.918	2.889A	1.916	6
7	2.460	1.458	1.342	1.538	2.988	5.361	4.219	3.387	2.352	2.214	2.814	1.751	7
8	2.372	1.402	1.314	1.508	2.959	5.241	4.280	3.304	2.297	2.220	2.734	1.668	8
9	2.251	1.367	1.286	1.502	2.998	5.119	4.221	3.247	2.224	2.186	2.587	1.663	9
10	2.184	1.306	1.248	1.463	3.010	5.007	4.143	3.228	2.185	2.106	2.444	1.912	10
11	2.089	1.207	1.215	1.453	3.006	4.842	4.058	3.257	2.159	2.024	2.417	1.844	11
12	2.015	1.132	1.195	1.421	3.040	4.644	3.901	3.305	2.146	1.944	2.849	1.711	12
13	1.921	1.133	1.167	1.379	3.135	4.517	3.759	3.329	2.154	1.871	2.774	1.556	13
14	1.844	1.348	1.157	1.339	3.138	4.406	3.673	3.360	2.147	1.807	2.682	1.464	14
15	1.770	1.608	1.153	1.316	3.194	4.341	3.636	3.392	2.116	1.740	2.808	1.397	15
16	1.690	1.864	1.169	1.392	3.246	4.325	3.638	3.393	2.053	1.677	2.820	1.319	16
17	1.611	2.262	1.156	1.361	3.334	4.279	3.680	3.358	1.968	1.618	2.721	1.228	17
18	1.541	2.169	1.161	1.345	3.490	4.245	3.742	3.287	1.905	1.561	2.636	1.180	18
19	1.522	2.205	1.179	1.377	3.701	4.350	3.804	3.206	1.866	1.513	2.518	1.329	19
20	1.495	2.269	1.193	1.465	3.893	4.359	3.854	3.146	1.879	1.480	2.420	1.444	20
21	1.566	2.140	1.204	1.535	4.067	4.294	3.886	3.090	1.945	1.453	2.423	1.389	21
22	1.778	2.070	1.214	1.690	4.239	4.212	3.918	3.015	2.001	1.482	2.462	1.342	22
23	2.034	2.002	1.209	1.996	4.370	4.248	3.967	2.960	2.039	1.440	2.333	1.254	23
24	2.093	1.970	1.181	2.369	4.568	4.195	3.994	2.914	1.994	1.386	2.227	1.187	24
25	2.144	1.932	1.185	2.427	4.927	4.129	4.038	2.849	1.918	1.339	2.122	1.122	25
26	2.149	1.859	1.173	2.507	5.150	4.099	4.007	2.771	1.803	1.347	2.021	1.150	26
27	2.155	1.782	1.144	2.799	5.198	4.089	3.979	2.708	1.719	1.409	1.920	1.141	27
28	2.132	1.698	1.144	3.064	5.290	4.046	3.958	2.638	1.808	1.694	1.825	1.113	28
29	2.098		1.201	3.066	5.416	4.027	3.926	2.603	1.800	1.814	1.751	1.066	29
30	2.051		1.254	2.942	5.517	4.052	3.877	2.584	1.696	1.782	1.675	1.003	30
31	1.982		1.387		5.515		3.861	2.556		2.190A		0.878	31
MEAN	2.177	1.728	1.263	1.789	3.792	4.632	3.950	3.195	2.088	1.757	---	1.433	MEAN
MAX	3.514	2.269	1.622	3.066	5.517	5.499	4.280	3.839	2.523	2.220	---	1.916	MAX
MIN	1.495	1.132	1.144	1.316	2.959	4.027	3.636	2.556	1.696	1.339	---	0.878	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 01 N
LONG 121 57 30 W

NATURAL FLOW

MAXIMUM DAILY, 5.517 ON MAY 30
MINIMUM DAILY, 0.878 ON DEC 31
MAXIMUM INSTANTANEOUS,
5.547 AT 23:19 PST ON MAY 30

DRAINAGE AREA,
8 440 km²

8 440 ²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 4.923 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER BELOW MORRIS CREEK - STATION NO. 08MG022

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.298	9.261	9.160	8.677	9.320	10.596	9.729	9.839	9.303	9.131	9.939	9.298	1
2	10.156	9.218	9.120	8.677	9.354	10.579	9.743	9.797	9.317	9.235	10.085	9.295	2
3	10.035	9.186	9.078	8.681	9.367	10.617	9.768	9.761	9.320	9.256	10.153	9.280	3
4	9.917	9.140	9.050	8.685	9.357	10.668	9.801	9.722	9.303	9.243	10.146	9.257	4
5	9.812	9.100	9.028	8.702	9.343	10.644	9.864	9.692	9.288	9.230	10.091	9.325	5
6	9.715	9.066	8.997	8.745	9.315	10.700	9.906	9.660	9.283	9.271	10.001	9.387	6
7	9.632	9.029	8.960	8.752	9.285	10.626	9.932	9.634	9.261	9.410	9.920	9.384	7
8	9.558	8.997	8.934	8.754	9.265	10.527	9.938	9.636	9.233	9.479	9.837	9.379	8
9	9.492	8.999	8.905	8.757	9.236	10.431	9.906	9.637	9.222	9.508	9.745	9.374	9
10	9.446	8.938	8.877	8.774	9.226	10.349	9.843	9.652	9.233	9.494	9.670	9.455	10
11	9.389	8.900	8.850	8.783	9.212	10.244	9.805	9.664	9.229	9.449	9.680	9.478	11
12	9.331	8.871	8.829	8.787	9.206	10.122	9.767	9.683	9.223	9.405	9.839	9.462	12
13	9.282	8.857	8.804	8.783	9.207	10.041	9.729	9.706	9.206	9.354	9.886	9.408	13
14	9.230	8.864	8.780	8.776	9.206	9.960	9.710	9.721	9.197	9.303	9.898	9.357	14
15	9.190	8.958	8.759	8.755	9.217	9.890	9.704	9.732	9.183	9.254	9.962	9.314	15
16	9.142	9.054	8.739	8.754	9.234	9.854	9.716	9.727	9.167	9.207	9.960	9.262	16
17	9.093	9.218	8.740	8.759	9.238	9.815	9.733	9.727	9.137	9.184	9.929	9.224	17
18	9.066	9.316	8.729	8.762	9.253	9.788	9.748	9.720	9.129	9.143	9.870	9.182	18
19	9.048	9.373	8.705	8.758	9.297	9.806	9.795	9.704	9.143	9.122	9.810	9.185	19
20	9.036	9.440	8.679	8.754	9.371	9.807	9.818	9.683	9.166	9.100	9.747	9.243	20
21	9.058	9.445	8.665	8.771	9.459	9.784	9.841	9.663	9.178	9.072	9.720	9.238	21
22	9.175	9.423	8.653	8.797	9.556	9.759	9.858	9.628	9.177	9.036	9.725	9.211	22
23	9.309	9.388	8.653	8.867	9.642	9.771	9.867	9.585	9.172	9.000	9.695	9.175	23
24	9.395	9.347	8.652	9.008	9.773	9.752	9.880	9.556	9.155	8.962	9.653	9.139	24
25	9.433	9.308	8.647	9.105	10.031	9.717	9.892	9.529	9.124	8.937	9.593	9.110	25
26	9.441	9.277	8.642	9.147	10.248	9.690	9.894	9.504	9.090	8.925	9.549	9.081	26
27	9.434	9.238	8.633	9.168	10.337	9.697	9.895	9.463	9.057	8.983	9.493	9.054	27
28	9.404	9.201	8.626	9.199	10.404	9.695	9.895	9.429	9.096	9.171	9.424	9.019	28
29	9.368		8.629	9.236	10.500	9.699	9.905	9.387	9.127	9.277	9.375	8.990	29
30	9.329		8.627	9.259	10.608	9.717	9.904	9.344	9.111	9.322	9.329	8.948	30
31	9.295		8.658		10.664		9.882	9.318		9.555		8.927	31
MEAN	9.436	9.158	8.800	8.848	9.572	10.078	9.828	9.629	9.194	9.226	9.791	9.240	MEAN
MAX	10.298	9.445	9.160	9.259	10.664	10.700	9.938	9.839	9.320	9.555	10.153	9.478	MAX
MIN	9.036	8.857	8.626	8.677	9.206	9.690	9.704	9.318	9.057	8.925	9.329	8.927	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 9.401
MAXIMUM DAILY, 10.700 ON JUN 6
MINIMUM DAILY, 8.626 ON MAR 28
MAXIMUM INSTANTANEOUS,
10.711 AT 10:42 PST ON JUN 6

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 121 54 06 W

NATURAL FLOW

DRAINAGE AREA,
7 950 km²

7 950 ²

HARRISON RIVER NEAR HARRISON HOT SPRINGS - STATION NO. 08MG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 200E	453	400	212	490	932	725	810	481	390	872	466	1
2	1 100E	434	383	213	508	940	735	780	488	443	1 000	462	2
3	1 010E	415	367	216	514	883	749	754	490	459	1 060	458	3
4	935E	394	355	217	510	883	771	732	479	452	1 060	441	4
5	870E	377	342	224	501	909	807	710	474	444	1 010	477	5
6	800E	361	329	236	486	943	832	690	468	459	947	512	6
7	748A	343	317	239	471	966	845	677	456	539	876	508	7
8	695	329	305	240	457	946	845	674	444	582	811	500	8
9	647	321	294	240	445	926	822	678	439	595	746	503	9
10	605	302	283	246	440	923	796	688	442	585	688	553	10
11	561	288	273	249	432	926	769	700	442	564	689	566	11
12	520	279	262	251	428	892	749	715	438	536	807	551	12
13	482	272	253	248	429	866	735	729	434	504	842	523	13
14	448	279	245	244	429	821	728	736	427	477	847	500	14
15	416	313	237	239	435	779	727	741	416	451	886	478	15
16	387	352	231	237	440	756	735	743	407	432	891	452	16
17	366	424	229	240	440	751	748	742	397	418	869	430	17
18	354	479	225	240	445	728	763	736	395	400	827	409	18
19	349	517	218	237	465	688	786	726	401	382	780	421	19
20	345	557	209	241	479	688	801	711	412	371	736	445	20
21	356	556	206	248	498	702	815	697	419	361	716	439	21
22	411	542	203	257	527	697	820	678	420	345	718	425	22
23	483	517	204	281	532	714	821	653	416	330	700	408	23
24	531	496	202	342	544	711	827	630	405	317	669	391	24
25	552	479	201	384	535	694	832	617	390	305	636	379	25
26	556	461	202	405	597	685	836	598	373	299	605	368	26
27	551	441	198	417	682	691	842	576	360	319	571	357	27
28	533	421	196	427	716	690	851	553	375	404	533	342	28
29	513		197	444	694	695	858	529	389	455	504	328	29
30	492		198	457	714	705	853	506	380	479	479	311	30
31	472		206		821		837	490		603		303	31
TOTAL	18 288	11 402	7 970	8 371	16 104	24 130	24 660	20 999	12 757	13 700	23 375	13 702	TOTAL
MEAN	590	407	257	279	519	804	795	677	425	442	779	442	MEAN
MAX	1 200	557	400	457	821	966	858	810	490	603	1 060	566	MAX
MIN	345	272	196	212	428	685	725	490	360	299	479	303	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 536
MAXIMUM DAILY, 1 200E ON JAN 1
MINIMUM DAILY, 196 ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 40 N
LONG 121 48 08 W
DRAINAGE AREA, 7 870 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 580 000	JUL	2 130 000
FEB	985 000	AUG	1 810 000
MAR	689 000	SEP	1 100 000
APR	723 000	OCT	1 180 000
MAY	1 390 000	NOV	2 020 000
JUN	2 080 000	DEC	1 180 000

TOTAL DISCHARGE, 16 900 000 dam³

HAT CREEK NEAR CACHE CREEK - STATION NO. 08LF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.720B	0.700B	0.632	2.10E	6.40E	1.50E	1.20 E	0.536	0.429	0.433	0.190B	1
2	0.500B	0.600B	0.700B	0.605	1.70E	6.20E	1.43A	1.10 E	0.532	0.423	0.432	0.220B	2
3	0.460B	0.560B	0.700B	0.580	1.50E	5.60E	1.30E	1.00 E	0.519	0.432	0.426	0.220B	3
4	0.440B	0.540B	0.680B	0.559	1.30E	5.20E	1.20E	0.950E	0.666	0.429	0.413	0.200B	4
5	0.440B	0.540B	0.660B	0.552	1.30E	4.90E	1.10E	0.900E	0.714	0.434	0.387	0.150B	5
6	0.460B	0.580B	0.660B	0.542	1.20E	4.90E	1.00E	0.850E	0.602	0.450	0.375	0.100B	6
7	0.500B	0.620B	0.660B	0.523	1.20E	4.50E	1.00E	0.800E	0.530	0.539	0.422	0.090B	7
8	0.530B	0.640B	0.640B	0.524	1.20E	4.20E	1.00E	0.750E	0.445	0.565	0.416	0.084B	8
9	0.552B	0.640B	0.640B	0.529	1.30E	4.00E	1.10E	0.700E	0.411	0.536	0.391	0.150B	9
10	0.580B	0.600B	0.640B	0.523	1.40E	3.70E	1.20E	0.650E	0.390	0.511	0.403	0.250B	10
11	0.600B	0.560B	0.660B	0.512	1.70E	3.70E	1.40E	0.600E	0.405	0.497	0.413	0.250B	11
12	0.620B	0.540B	0.680B	0.507	1.70E	3.46A	1.30E	0.550E	0.392	0.511	0.420	0.240B	12
13	0.620B	0.520B	0.720B	0.492	1.80E	3.30E	1.30E	0.520A	0.396	0.514	0.415	0.230B	13
14	0.600B	0.500B	0.740B	0.470	1.90E	3.10E	1.30E	0.495	0.387	0.496	0.463	0.230B	14
15	0.560B	0.560B	0.780B	0.474	3.30E	3.00E	1.30E	0.438	0.372	0.492	0.459	0.230B	15
16	0.540B	0.600B	0.800B	0.527	3.70E	2.80E	1.30E	0.409	0.357	0.488	0.465	0.230B	16
17	0.520B	0.700B	0.800B	0.562	3.90E	2.70E	1.30E	0.438	0.321	0.477	0.397	0.230B	17
18	0.500B	0.841B	0.760B	0.609	4.20E	2.60E	1.35E	0.381	0.310	0.491	0.402	0.230B	18
19	0.480B	1.00 B	0.694B	0.660E	6.50E	2.50E	1.35E	0.350	0.319	0.493	0.391	0.240B	19
20	0.460B	1.10 B	0.600B	0.800E	8.00E	2.40E	1.35E	0.345	0.345	0.474	0.403	0.270B	20
21	0.460B	1.00 B	0.580B	0.900E	12.8 E	2.30E	1.37A	0.406	0.379	0.437	0.416	0.300B	21
22	0.513B	1.00 B	0.560B	0.796A	12.5 E	2.30E	1.40E	0.394	0.378	0.406	0.368	0.300B	22
23	1.50 B	0.900B	0.560B	1.10 E	9.80E	2.20E	1.50E	0.388	0.405	0.458	0.370	0.290B	23
24	2.00 B	0.900B	0.580B	1.90 E	10.0 E	2.10E	1.60E	0.360	0.419	0.468	0.265	0.280B	24
25	1.00 B	0.800B	0.605	1.50 E	12.5 E	2.12A	1.60E	0.341	0.427	0.500	0.200B	0.280B	25
26	0.700B	0.800B	0.708	1.20 E	10.8 A	1.90E	1.40E	0.354	0.449	0.481	0.150B	0.280B	26
27	0.640B	0.800B	0.693	1.10 E	8.60E	2.00E	1.30E	0.360	0.447	0.467	0.130B	0.280B	27
28	0.620B	0.760B	0.733	0.970E	7.30E	2.00E	1.20E	0.354	0.445	0.462	0.130B	0.270B	28
29	0.640B		0.717	1.00 E	6.90E	1.90E	1.10E	0.398	0.445	0.478	0.150B	0.260B	29
30	0.700B		0.701	1.20 E	7.10E	1.70E	1.10E	0.457	0.441	0.453	0.180B	0.250B	30
31	0.740B		0.642		7.10E		1.20E	0.468		0.433		0.240B	31
TOTAL	20.075	19.921	20.993	22.848	156.30	99.68	39.85	17.706	13.184	14.724	10.685	7.064	TOTAL
MEAN	0.648	0.711	0.677	0.762	5.04	3.32	1.29	0.571	0.439	0.475	0.356	0.228	MEAN
MAX	2.00	1.10	0.800	1.90	12.8	6.40	1.60	1.20	0.714	0.565	0.465	0.300	MAX
MIN	0.440	0.500	0.560	0.470	1.20	1.70	1.00	0.341	0.310	0.406	0.130	0.084	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.21
MAXIMUM DAILY, 12.8E ON MAY 21
MINIMUM DAILY, 0.084B ON DEC 8
MAXIMUM INSTANTANEOUS,
18.0E ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 121 25 13 W
DRAINAGE AREA, 658 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 730	JUL	3 440
FEB	1 720	AUG	1 530
MAR	1 810	SEP	1 140
APR	1 970	OCT	1 270
MAY	13 500	NOV	923
JUN	8 610	DEC	610

TOTAL DISCHARGE, 38 300 dam³

HAT CREEK NEAR UPPER HAT CREEK - STATION NO. 08LF061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.300B	0.500B	0.500B	0.481	1.97	5.67	1.15	0.934	0.363	0.306	0.308	0.180B	1
2	0.250B	0.460B	0.480B	0.453	1.51	5.44	1.00	0.852	0.366	0.310	0.306	0.180B	2
3	0.230B	0.420B	0.480B	0.425	1.30	4.88	0.929	0.781	0.372	0.310	0.307	0.150B	3
4	0.210B	0.400B	0.460B	0.400	1.16	4.47	0.866	0.771	0.431	0.308	0.304	0.120B	4
5	0.210B	0.400B	0.460B	0.398	1.13	4.18	0.784	0.688	0.436	0.311	0.298	0.100B	5
6	0.210B	0.420B	0.440B	0.392	1.10	3.87	0.730	0.632	0.376	0.327	0.302	0.150B	6
7	0.210B	0.440B	0.440B	0.394	1.09	3.46	0.789	0.605	0.349	0.359	0.303	0.200B	7
8	0.220B	0.440B	0.420B	0.396	1.09	3.21	0.769	0.582	0.328	0.360	0.303	0.218B	8
9	0.227B	0.420B	0.420B	0.398	1.13	2.98	0.728	0.548	0.321	0.333	0.301	0.210B	9
10	0.240B	0.400B	0.400B	0.390	1.18	2.74	0.864	0.498	0.320	0.325	0.300	0.200B	10
11	0.250B	0.350B	0.400B	0.388	1.48	2.66	1.36	0.393	0.317	0.324	0.302	0.180B	11
12	0.260B	0.330B	0.420E	0.378	1.54	2.47	1.09	0.365	0.312	0.320	0.304	0.180B	12
13	0.280B	0.310B	0.460E	0.376	1.64	2.77	1.04	0.348	0.310	0.318	0.304	0.180B	13
14	0.300B	0.300B	0.520E	0.380	1.77	3.03	1.13	0.319	0.311	0.326	0.310	0.180B	14
15	0.300B	0.300B	0.600E	0.392	2.95	2.69	1.07	0.319	0.311	0.323	0.316	0.180B	15
16	0.280B	0.310B	0.600E	0.453	3.42	2.43	1.15	0.323	0.303	0.318	0.309	0.180B	16
17	0.260B	0.340B	0.580E	0.480	3.64	2.20	1.12	0.318	0.296	0.317	0.301	0.180B	17
18	0.300B	0.388B	0.560E	0.552	3.87	2.08	1.18	0.308	0.290	0.320	0.294	0.190B	18
19	0.400B	0.440B	0.550E	0.622	6.21	2.11	1.18	0.296	0.288	0.318	0.298	0.200B	19
20	0.500B	0.500B	0.549A	0.707	7.74	1.88	1.25	0.294	0.297	0.309	0.304	0.210B	20
21	1.00 B	0.540B	0.550E	0.652	12.5	1.75	1.15	0.324	0.301	0.299	0.304	0.210B	21
22	1.23 B	0.560B	0.580E	0.665	12.2	1.70	1.09	0.306	0.303	0.301	0.305	0.190B	22
23	1.80 B	0.540B	0.620E	0.904	9.53	1.56	1.10	0.299	0.307	0.308	0.282	0.180B	23
24	1.00 B	0.520B	0.655	1.78	9.74	1.42	1.38	0.295	0.305	0.310	0.277	0.180B	24
25	0.800B	0.520B	0.697	1.39	12.2	1.39	1.22	0.292	0.309	0.313	0.150B	0.180B	25
26	0.600B	0.520B	0.709	1.04	10.2	1.32	1.11	0.296	0.311	0.313	0.120B	0.180B	26
27	0.500B	0.520B	0.700	0.912	7.85	1.39	1.03	0.295	0.313	0.307	0.120B	0.180B	27
28	0.460B	0.520B	0.664	0.815	6.57	1.40	0.975	0.293	0.313	0.310	0.120B	0.170B	28
29	0.500B		0.577	0.840	6.15	1.30	0.965	0.302	0.312	0.312	0.140B	0.160B	29
30	0.520B		0.510	1.07	6.39	1.12	0.959	0.345	0.310	0.307	0.160B	0.150B	30
31	0.520B		0.491		6.31		0.984	0.332		0.307		0.140B	31
TOTAL	14.367	12.108	16.492	18.923	146.56	79.57	32.142	13.553	9.781	9.829	8.052	5.488	TOTAL
MEAN	0.463	0.432	0.532	0.631	4.73	2.65	1.04	0.437	0.326	0.317	0.268	0.177	MEAN
MAX	1.80	0.560	0.709	1.78	12.5	5.67	1.38	0.934	0.436	0.360	0.316	0.218	MAX
MIN	0.210	0.300	0.400	0.376	1.09	1.12	0.728	0.292	0.288	0.299	0.120	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 12.5 ON MAY 21
MINIMUM DAILY, 0.100B ON DEC 5
MAXIMUM INSTANTANEOUS,
16.8 AT 22:40 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 22 N
LONG 121 35 18 W
DRAINAGE AREA, 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 240	JUL	2 780
FEB	1 050	AUG	1 170
MAR	1 420	SEP	845
APR	1 630	OCT	849
MAY	12 700	NOV	696
JUN	6 870	DEC	474

TOTAL DISCHARGE, 31 700 dam³

HAYES CREEK BELOW SHINISH CREEK - STATION NO. 08NL051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.087B	0.114	0.482	1.93	1.18	0.618E	0.216E	0.179E	---	---	1
2	---	---	---	0.114	0.469	1.75	1.09	0.609	0.209	0.180	---	---	2
3	---	---	---	0.111	0.461	1.62	0.987	0.561E	0.203E	0.193E	---	---	3
4	---	---	---	0.111	0.443	1.50	0.920	0.513	0.198E	0.206E	---	---	4
5	---	---	---	0.111	0.426	1.43	0.863	0.487E	0.192	0.220E	---	---	5
6	---	---	---	0.108	0.417	1.40	0.802	0.461	0.185E	0.233E	---	---	6
7	---	---	---	0.106	0.408	1.33	0.796	0.441E	0.178	0.246	---	---	7
8	---	---	---	0.106	0.417	1.49	0.818	0.421	0.166E	0.173	---	---	8
9	---	---	---	0.103	0.421	1.71	0.830	0.412E	0.155	0.172E	---	---	9
10	---	---	---	0.103	0.434	1.84	0.847	0.402	0.149E	0.171E	---	---	10
11	---	---	---	0.103	0.443	1.82	0.920	0.385E	0.142E	0.170E	---	---	11
12	---	---	---	0.106	0.461	2.02	0.999	0.368	0.136	0.170E	---	---	12
13	---	---	---	0.106	0.482	2.78	1.01	0.385E	0.132E	0.169E	---	---	13
14	---	---	---	0.108	0.557	2.88	1.02	0.334	0.129E	0.168	---	---	14
15	---	---	---	0.114	0.706	2.56	1.03	0.306E	0.125	0.167E	---	---	15
16	0.071B	---	---	0.119	0.908	2.40	1.04	0.278	0.122E	0.167E	---	---	16
17	---	---	---	0.125	1.25	2.34	1.03	0.270E	0.119	0.166E	---	---	17
18	---	---	---	0.133	1.48	2.26	1.03	0.262E	0.119E	0.165E	---	---	18
19	---	---	---	0.141	1.57	2.11	1.04	0.254	0.119	0.164E	---	---	19
20	---	---	---	0.180	1.82	1.93	1.06	0.260E	0.120E	0.164E	---	---	20
21	---	---	---	0.209	1.99	1.74	1.07	0.266	0.121E	0.163	---	---	21
22	---	---	---	0.266	2.12	1.65	1.07	0.254E	0.122	0.162E	---	---	22
23	---	---	---	0.371	2.32	1.58	1.03	0.242E	0.124E	0.160E	---	---	23
24	---	---	---	0.461	2.51	1.54	0.982	0.230	0.125	0.159E	---	---	24
25	---	---	---	0.469	2.63	1.47	0.914	0.229E	0.126E	0.158E	---	---	25
26	---	---	---	0.474	2.62	1.39	0.858	0.228E	0.127	0.157E	---	---	26
27	---	---	---	0.474	2.55	1.33	0.818	0.226E	0.128E	0.156E	---	---	27
28	---	---	---	0.478	2.42	1.28	0.773	0.225	0.130	0.154E	---	---	28
29	---		---	0.478	2.28	1.23	0.689	0.224E	0.154E	0.153E	---	---	29
30	---		---	0.487	2.20	1.20	0.650	0.224E	0.178	0.152	---	---	30
31	---		---		2.12		0.627	0.223		0.151E		---	31
TOTAL	---	---	---	6.489	39.815	53.51	28.793	10.598	4.449	5.368	---	---	TOTAL
MEAN	---	---	---	0.216	1.28	1.78	0.929	0.342	0.148	0.173	---	---	MEAN
MAX	---	---	---	0.487	2.63	2.88	1.18	0.618	0.216	0.246	---	---	MAX
MIN	---	---	---	0.103	0.408	1.20	0.627	0.223	0.119	0.151	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.88 ON JUN 14

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 40 03 N
LONG 120 18 10 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 890
FEB	---	AUG	916
MAR	---	SEP	384
APR	561	OCT	464
MAY	3 440	NOV	---
JUN	4 620	DEC	---

HEDLEY CREEK NEAR THE MOUTH - STATION NO. 08NL050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.552	0.391	0.280	0.327	7.22	10.1	5.96	2.96	1.70	1.25	1.01	0.411	1
2	0.396	0.368	0.314	0.327	5.69	9.66	5.11	2.92	1.67	1.76	0.906	0.391	2
3	0.396	0.351B	0.319	0.331	4.91	9.06	4.78	3.94	1.50	1.50	0.940	0.327	3
4	0.665	0.311B	0.336	0.310	3.89	8.13	4.48	4.53	1.62	1.25	0.496	0.345	4
5	0.552	0.306B	0.327	0.306	3.51	8.55	4.16	3.73	1.33	1.13	0.306	0.496	5
6	0.481	0.292B	0.467	0.327	2.85	9.66	3.89	3.13	1.30	1.28	0.345	0.391	6
7	0.453	0.272B	0.314	0.319	2.88	8.89	4.78	2.77	1.21	1.83	0.623	0.391	7
8	0.425	0.227B	0.310	0.319	3.13	7.36	6.11	2.53	1.14	1.50	0.467	0.357B	8
9	0.411	0.190B	0.306	0.319	4.05	9.23	6.41	2.39	1.08	1.40	0.323	0.368B	9
10	0.396	0.142B	0.319	0.319	4.16	9.66	6.26	2.25	1.01	1.25	0.327	0.379	10
11	0.391	0.142B	0.327	0.306	4.32	8.98	5.30	2.02	0.855	1.16	0.331	0.425	11
12	0.391	0.147B	0.323	0.272	4.10	7.96	5.11	1.92	0.940	1.09	0.940	0.552	12
13	0.391	0.156B	0.345	0.285	4.43	9.66	6.18	1.73	0.940	1.01	0.750	0.530B	13
14	0.391	0.161B	0.351	0.326E	5.24	11.4	6.11	1.50	0.872	0.957	0.680	0.515B	14
15	0.368	0.167B	0.357	0.368E	6.41	13.1	5.82	1.92	0.855	0.991	0.651	0.496B	15
16	0.336	0.204B	0.374	0.411E	6.63	12.6	5.50	1.52	0.821	0.974	0.609	0.476B	16
17	0.351	0.255B	0.331	0.453	8.13	10.1	5.30	1.98	0.793	0.957	0.396	0.453B	17
18	0.340	0.323	0.314	0.595	11.1	10.3	7.70	1.80	0.779	0.906	0.580	0.425B	18
19	0.336	0.362	0.293	0.750	14.8	10.5	6.85	1.64	1.33	0.807	0.411	0.453B	19
20	0.336	0.323	0.297	1.04	18.2	11.3	5.76	1.95	1.16	0.722	0.439	0.453B	20
21	0.368	0.314	0.306	1.13	20.2	10.6	5.11	1.83	1.09	0.362	0.637	0.447B	21
22	0.385	0.306	0.314	1.25	19.3	9.66	4.48	1.50	1.06	0.345	0.467	0.425B	22
23	0.425	0.314	0.327	2.05	16.7	8.81	6.26	1.50	1.04	0.552	0.345	0.419B	23
24	0.425	0.319	0.319	2.66	17.5 E	8.13	7.36	1.43	1.13	0.637	0.310	0.391B	24
25	0.425	0.331	0.336	3.51	18.2	7.53	5.37	1.35	1.19	0.722	0.368	0.382B	25
26	0.391	0.314	0.345	2.05	19.9	7.14	4.32	1.30	1.06	0.779	0.379	0.382B	26
27	0.396	0.289	0.357	2.46	15.9	6.77	3.83	1.25	1.11	0.838	0.357	0.362B	27
28	0.391	0.285	0.357	2.32	16.5	6.92	3.62	1.21	1.18	1.03	0.351	0.345B	28
29	0.385		0.362	3.09	15.9	6.04	3.32	1.36	1.14	1.06	0.345	0.334B	29
30	0.379		0.357	4.53	14.2	5.96	3.17	1.43	1.08	0.923	0.357	0.317B	30
31	0.379		0.340		11.6		3.03	1.52		0.807		0.303B	31
TOTAL	12.707	7.562	10.324	33.060	311.55	273.76	161.44	66.81	33.985	31.779	15.446	12.741	TOTAL
MEAN	0.410	0.270	0.333	1.10	10.1	9.13	5.21	2.09	1.13	1.03	0.515	0.411	MEAN
MAX	0.665	0.391	0.467	4.53	20.2	13.1	7.70	4.53	1.70	1.83	1.01	0.552	MAX
MIN	0.336	0.142	0.280	0.272	2.85	5.96	3.03	1.21	0.779	0.345	0.306	0.303	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.66
MAXIMUM DAILY, 20.2 ON MAY 21
MINIMUM DAILY, 0.142B ON FEB 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 21 54 N
LONG 120 03 59 W
DRAINAGE AREA, 389 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 100	JUL	13 900
FEB	653	AUG	5 600
MAR	892	SEP	2 940
APR	2 860	OCT	2 750
MAY	26 900	NOV	1 330
JUN	23 700	DEC	1 100

TOTAL DISCHARGE, 83 700 dam³

HIDDEN CREEK NEAR THE MOUTH - STATION NO. 08NE114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.96	0.889	0.886	0.943	8.10	7.48	3.91	1.14	0.555	0.582	0.825	0.710	1
2	1.95	0.900	0.852	0.934	6.37	7.31	3.20	1.06	0.606	0.824	0.813	0.707	2
3	1.84	0.889	0.830	0.915	4.73	7.59	3.06	1.01	0.524	0.651	0.780	0.692	3
4	1.72	0.917	0.838	0.881	4.08	7.16	2.79	0.980	0.524	0.599	0.744	0.643	4
5	1.56	0.929	0.841	0.895	3.62	6.37	2.89	0.946	0.535	0.558	0.715	0.684	5
6	1.50	0.937	0.824	0.875	3.34	7.22	4.25	0.903	0.490	1.08	0.703	0.720	6
7	1.41	0.861	0.807	0.850	3.28	6.06	5.44	0.875	0.479	1.23	0.673	0.675	7
8	1.33	0.824	0.813	0.847	3.20	5.55	4.16	0.847	0.467	1.10	0.679	0.684	8
9	1.28	0.776	0.776	0.852	3.23	5.75	3.51	0.824	0.447	0.979	0.666	0.759	9
10	1.15	0.759B	0.782	0.804	3.48	5.89	3.11	0.776	0.439	0.886	0.653	1.34	10
11	1.09	0.750B	0.776	0.739	3.91	5.72	2.86	0.745	0.445	0.803	0.665	1.03	11
12	1.05	0.750B	0.784	0.671	3.77	5.10	2.65	0.708	0.436	0.749	1.10	0.890	12
13	0.937	0.779B	0.790	0.620	3.68	5.01	3.17	0.680	0.430	0.708	0.963	1.03	13
14	0.867	0.807	0.801	0.620	4.28	4.84	2.92	0.699	0.422	0.684	1.07	1.04	14
15	0.898	0.804	0.807	0.646	6.14	4.59	2.64	0.697	0.408	0.671	1.00	0.868	15
16	0.869	0.923	0.872	0.736	5.66	4.59	2.47	0.654	0.408E	0.649	0.943	0.793	16
17	0.937	1.06	0.847	0.725	5.66	4.64	2.38	0.634	0.391E	0.627	0.930	0.761	17
18	0.804	0.980	0.804	0.790	6.14	4.47	2.29	0.617	0.374E	0.624	0.917	0.828	18
19	0.767	1.11	0.816	0.951	7.11	5.30	2.21	0.589	0.436E	0.611	0.897	0.792	19
20	0.776	1.14	0.818	1.15	8.89	5.97	2.00	0.640	0.453E	0.601	0.847	0.773	20
21	0.759	1.08	0.827	1.34	9.46	5.27	1.87	0.597	0.595E	0.568	0.899	0.738	21
22	0.838	1.04	0.830	1.68	8.89	5.15	1.81	0.583	0.538A	0.563	0.913	0.711B	22
23	1.03	1.01	0.847	2.55	8.75	4.98	1.83	0.566	0.519	0.570	0.868	0.699B	23
24	1.25	1.00	0.850	3.51	9.32	4.93	1.74	0.549	0.489	0.570	0.821	0.699B	24
25	1.14	1.02	0.855	3.09	10.7	4.98	1.65	0.541	0.464	0.565	0.800	0.701	25
26	1.07	0.954	0.889	2.78	10.8	5.07	1.52	0.515	0.454	0.558	0.777	0.657	26
27	1.04	0.920	0.886	2.60	9.03	4.79	1.44	0.498	0.468	0.675	0.736	0.648	27
28	1.02	0.878	0.883	3.00	8.27	4.19	1.36	0.479	0.652	0.886	0.760	0.653	28
29	1.00		0.898	3.14	7.84	3.68	1.29	0.476	0.630	0.879	0.771	0.642	29
30	1.00		0.909	4.28	8.38	3.71	1.26	0.544	0.626	0.780	0.726	0.634	30
31	0.971		0.926		9.60		1.18	0.501		0.766		0.604	31
TOTAL	35.813	25.686	25.964	44.414	199.71	163.36	78.86	21.873	14.704	22.596	24.654	23.805	TOTAL
MEAN	1.16	0.917	0.838	1.48	6.44	5.45	2.54	0.706	0.490	0.729	0.822	0.768	MEAN
MAX	1.96	1.14	0.926	4.28	10.8	7.59	5.44	1.14	0.652	1.23	1.10	1.34	MAX
MIN	0.759	0.750	0.776	0.620	3.20	3.68	1.18	0.476	0.374	0.558	0.653	0.604	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 10.8 ON MAY 26
MINIMUM DAILY, 0.374E ON SEP 18
MAXIMUM INSTANTANEOUS,
14.4 AT 20:13 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 04 N
LONG 117 14 17 W
DRAINAGE AREA, 75.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 090	JUL	6 810
FEB	2 220	AUG	1 890
MAR	2 240	SEP	1 270
APR	3 840	OCT	1 950
MAY	17 300	NOV	2 130
JUN	14 100	DEC	2 060

TOTAL DISCHARGE, 58 900 dam³

HILL CREEK NEAR 820 m CONTOUR - STATION NO. 08NE121

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.207E	0.170E	0.173E	0.327	0.663	2.31	1.56 E	0.756E	0.268E	0.195E	0.343E	0.192E	1
2	0.200	0.167	0.167	0.326E	0.660E	2.40E	1.58	0.716E	0.273	0.195	0.358	0.195	2
3	0.201E	0.161E	0.170E	0.327	0.654E	2.49	1.70 E	0.675	0.279E	0.202E	0.360E	0.195E	3
4	0.201E	0.167	0.172	0.311E	0.651	2.39E	1.78	0.643E	0.285	0.209E	0.358	0.195	4
5	0.200	0.159B	0.173E	0.297E	0.651E	2.29	2.02 E	0.611	0.261E	0.215	0.345E	0.197E	5
6	0.195E	0.156B	0.172	0.284	0.651	2.23E	2.26	0.600E	0.232E	0.244E	0.331E	0.199E	6
7	0.190	0.153B	0.170E	0.275E	0.657E	2.17E	2.26 E	0.588	0.215E	0.273	0.317E	0.201E	7
8	0.184E	0.153B	0.170E	0.264	0.663	2.12	2.26	0.558E	0.207E	0.292E	0.303E	0.203E	8
9	0.178	0.153B	0.167	0.258E	0.663E	1.99E	2.21 E	0.527E	0.201E	0.311E	0.289E	0.205	9
10	0.176E	0.150B	0.164E	0.250	0.663E	1.86	2.15 E	0.497	0.198E	0.331	0.273	0.204E	10
11	0.173B	0.150B	0.163	0.238E	0.663	1.56E	2.10	0.479E	0.195E	0.303E	0.262E	0.202E	11
12	0.170B	0.150B	0.164E	0.227E	0.725E	1.40	1.88 E	0.457	0.195	0.273E	0.250	0.200E	12
13	0.170B	0.153B	0.164E	0.217	0.788	1.48E	1.66	0.428E	0.191E	0.244E	0.247E	0.199E	13
14	0.170B	0.153B	0.164E	0.207	0.855E	1.56E	1.64 E	0.399	0.185	0.215	0.244E	0.197E	14
15	0.167B	0.153B	0.167E	0.217	0.925	1.64	1.62	0.394E	0.184E	0.221E	0.241E	0.195	15
16	0.167B	0.156B	0.167	0.229E	1.08 E	1.67E	1.53 E	0.388E	0.176E	0.227	0.238	0.195	16
17	0.164B	0.159B	0.173E	0.244	1.23	1.70	1.44	0.381	0.178E	0.213E	0.227E	0.191E	17
18	0.164B	0.200	0.176	0.258E	1.42 E	1.68E	1.34 E	0.385E	0.190E	0.199E	0.215	0.185	18
19	0.164B	0.227	0.176E	0.272E	1.62 E	1.66	1.22	0.390	0.227E	0.185	0.215E	0.179E	19
20	0.164B	0.222	0.176E	0.284	1.82	1.57E	1.20 E	0.351E	0.252E	0.185E	0.215	0.172E	20
21	0.167B	0.215E	0.176E	0.371E	1.86 E	1.48E	1.18 E	0.312	0.241E	0.185E	0.215E	0.166	21
22	0.181E	0.207E	0.176E	0.458	1.90 E	1.40	1.16	0.300E	0.238	0.185	0.215E	0.166E	22
23	0.181	0.200	0.176	0.733E	1.94	1.39E	1.06 E	0.292E	0.250	0.188E	0.215	0.166	23
24	0.181E	0.195E	0.181E	1.01	2.36 E	1.42	0.951	0.280	0.241E	0.191E	0.207E	0.161E	24
25	0.181E	0.190	0.185	0.898E	2.78	1.42E	0.957E	0.280E	0.232E	0.193E	0.201E	0.156	25
26	0.181	0.184E	0.190E	0.787E	2.07 E	1.44E	0.963E	0.280	0.223E	0.195	0.195	0.153E	26
27	0.178E	0.181	0.195	0.675	1.36	1.46	0.967	0.273	0.214E	0.224E	0.195	0.151E	27
28	0.176	0.176E	0.198E	0.640E	2.29	1.50E	0.920E	0.262	0.204E	0.252E	0.190E	0.148E	28
29	0.173E		0.198E	0.602	2.31	1.53	0.871	0.262E	0.195	0.280E	0.185	0.146	29
30	0.172		0.200	0.631E	2.31 E	1.54E	0.835E	0.262E	0.195E	0.308	0.189E	0.144E	30
31	0.170E		0.263E		2.31 E		0.797	0.262		0.326E		0.142E	31
TOTAL	5.546	4.860	5.526	12.117	41.188	52.75	46.071	13.288	6.625	7.259	7.638	5.600	TOTAL
MEAN	0.179	0.174	0.178	0.404	1.33	1.76	1.49	0.429	0.221	0.234	0.255	0.181	MEAN
MAX	0.207	0.227	0.263	1.01	2.78	2.49	2.26	0.756	0.285	0.331	0.360	0.205	MAX
MIN	0.164	0.150	0.163	0.207	0.651	1.39	0.797	0.262	0.176	0.185	0.185	0.142	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.571
MAXIMUM DAILY, 2.78 ON MAY 25
MINIMUM DAILY, 0.142E ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 41 07 N
LONG 117 46 23 W
DRAINAGE AREA, 17.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	479	JUL	3 980
FEB	420	AUG	1 150
MAR	477	SEP	572
APR	1 050	OCT	627
MAY	3 560	NOV	660
JUN	4 560	DEC	484

TOTAL DISCHARGE, 18 000 dam³

HIRSCH CREEK NEAR THE MOUTH - STATION NO. 08FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.4	9.80	5.44	9.96	22.0	34.0	33.5	12.8	18.5	72.7	20.0	14.6	1
2	11.5	7.29	5.86	9.13	16.6	30.8	42.3	11.8	18.3	26.4	22.3	16.4	2
3	10.7	6.49	6.23	7.80	14.2	38.0	60.1	15.4	15.5	17.9	37.3	13.0	3
4	15.3	6.05	5.13	8.65	15.3	37.7	38.3	19.6	12.2	14.8	25.3	12.0	4
5	15.8	6.05	4.59	24.1	20.4	32.7	29.1	16.3	13.1	12.5	47.0	12.1	5
6	20.7	6.23	4.64	13.4	26.2	33.2	23.5	15.5	20.9	11.2	45.5	7.80	6
7	21.7	5.31	4.41	11.2	29.5	28.2	20.5	17.1	14.7	13.2	27.9	7.10	7
8	16.8	5.00	4.41	11.3	29.8	22.5	19.4	18.9	12.8	16.6	80.4	6.61	8
9	17.1	4.80B	4.47	9.49	29.9	21.5	19.4	18.5	30.9	17.9	131	6.97	9
10	17.9	4.60B	5.39	7.79	22.1	22.5	21.1	16.5	27.6	14.8	44.1	8.25	10
11	16.9	4.50B	5.62	6.39	19.9	34.3	27.3	15.1	46.8	12.1	101	6.55	11
12	15.6	4.42B	5.37	5.41	21.3	30.3	33.1	13.0	27.1	10.5	60.6	6.34	12
13	19.6	4.39B	6.23	5.38	26.0	27.4	33.8	10.5	17.7	11.2	30.4	11.0	13
14	19.0	4.60B	7.72	6.64	27.5	28.5	32.2	9.91	14.7	13.3	24.0	15.9	14
15	16.9	41.7	7.38	7.19	34.8	32.2	32.5	10.6	13.3	17.2	21.8	17.9	15
16	15.7	21.9	6.30	11.0	39.1	29.5	34.1	9.71	11.1	25.4	16.4	20.7	16
17	13.8	15.9	5.24	9.65	33.7	25.5	36.1	9.08	9.78	16.1	15.1	20.8	17
18	14.4	33.8	4.71	8.32	32.8	25.4	35.7	8.99	12.0	25.2	14.4	8.93	18
19	61.4	18.2	4.49	8.78	36.1	32.3	33.9	9.10	12.0	21.2	16.0	5.79	19
20	33.6	13.5	4.55	10.9	41.3	37.2	28.1	8.74	10.1	14.8	18.5	5.92	20
21	39.6	48.7	4.84	14.5	43.8	30.7	23.7	9.29	8.30	11.8	17.7	5.34	21
22	46.5	34.7	5.25	15.2	39.4	27.7	19.3	13.5	10.8	10.3	12.3	5.12	22
23	32.7	15.0	5.35	24.5	39.5	29.0	19.7	8.95	10.2	9.58	11.1	5.32	23
24	21.0	10.3	5.33	23.4	48.6	30.8	23.5	18.0	8.51	9.96	10.5	6.41	24
25	16.4	8.61	5.34	13.1	82.0	31.9	24.4	18.0	7.54	12.5	11.0	6.48	25
26	13.6	7.98	5.96	10.1	49.9	29.9	23.9	14.7	6.77	10.9	11.0	6.33	26
27	12.0	7.43	8.43	10.7	38.6	26.9	21.3	14.1	6.29	10.2	11.0	6.36	27
28	10.4	6.57	35.2	16.1	34.0	25.6	19.9	12.2	6.60	10.5	12.0	6.10B	28
29	9.67		18.6	14.3	30.0	46.8	17.7	10.9	6.33	9.96	11.8	5.95B	29
30	8.25		11.8	19.4	51.5	39.6	16.3	8.88	83.6	14.9	11.3	5.80B	30
31	8.81		10.9		41.8		15.1	9.16		43.1		5.70B	31
TOTAL	607.73	363.82	225.18	353.78	1 047.6	922.6	858.8	404.81	514.02	538.70	918.7	289.57	TOTAL
MEAN	19.6	13.0	7.26	11.8	33.8	30.8	27.7	13.1	17.1	17.4	30.6	9.34	MEAN
MAX	61.4	48.7	35.2	24.5	82.0	46.8	60.1	19.6	83.6	72.7	131	20.8	MAX
MIN	8.25	4.39	4.41	5.38	14.2	21.5	15.1	8.74	6.29	9.58	10.5	5.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.3
MAXIMUM DAILY, 131 ON NOV 9
MINIMUM DAILY, 4.39B ON FEB 13
MAXIMUM INSTANTANEOUS,
286 AT 21:13 PST ON SEP 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 03 48 N
LONG 128 36 00 W
DRAINAGE AREA, 347 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 500	JUL	74 200
FEB	31 400	AUG	35 000
MAR	19 500	SEP	44 400
APR	30 600	OCT	46 500
MAY	90 500	NOV	79 400
JUN	79 700	DEC	25 000

TOTAL DISCHARGE, 609 000 dam³

HLINA CREEK AT THE MOUTH - STATION NO. 08LE105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.218	0.184	0.129	0.056	0.051	0.017	---	---	1
2	---	---	---	---	0.218	0.177	0.096	0.046	0.065	---	---	---	2
3	---	---	---	---	0.266	0.184	0.096	0.033	0.069	---	---	---	3
4	---	---	---	---	0.279	0.170	0.087	0.025	0.056	---	---	---	4
5	---	---	---	---	0.266	0.184	0.074	0.022	0.038	---	---	---	5
6	---	---	---	---	0.266	0.157	0.078	0.020	0.028	---	---	---	6
7	---	---	---	---	0.252	0.150	0.129	0.020	0.025	---	---	---	7
8	---	---	---	---	0.218	0.150	0.102	0.015	0.020	---	---	---	8
9	---	---	---	---	0.218	0.157	0.083	0.019	0.024	---	---	---	9
10	---	---	---	---	0.232	0.164	0.074	0.017	0.019	---	---	---	10
11	---	---	---	---	0.218	0.134	0.074	0.014	0.019	---	---	---	11
12	---	---	---	---	0.211	0.129	0.065	0.015	0.015	---	---	---	12
13	---	---	---	---	0.225	0.134	0.060	0.012	0.015	---	---	---	13
14	---	---	---	---	0.225	0.112	0.102	0.012	0.015	---	---	---	14
15	---	---	---	---	0.218	0.123	0.083	0.012	0.012	---	---	---	15
16	---	---	---	---	0.225	0.134	0.069	0.012	0.014	---	---	---	16
17	---	---	---	---	0.211	0.134	0.060	0.012	0.014	---	---	---	17
18	---	---	---	---	0.204	0.139	0.051	0.010	0.012	---	---	---	18
19	---	---	---	---	0.204	0.139	0.048	0.008	0.033	---	---	---	19
20	---	---	---	---	0.204	0.129	0.191	0.038	0.019	---	---	---	20
21	---	---	---	0.252	0.211	0.134	0.164	0.017	0.019	---	---	---	21
22	---	---	---	0.252	0.204	0.164	0.092	0.012	0.019	---	---	---	22
23	---	---	---	0.225	0.204	0.145	0.074	0.010	0.028	---	---	---	23
24	---	---	---	0.252	0.204	0.134	0.102	0.017	0.031	---	---	---	24
25	---	---	---	0.225	0.211	0.112	0.096	0.010	0.033	---	---	---	25
26	---	---	---	0.252	0.204	0.102	0.060	0.010	0.019	---	---	---	26
27	---	---	---	0.225	0.184	0.092	0.048	0.012	0.022	---	---	---	27
28	---	---	---	0.252	0.184	0.096	0.043	0.014	0.020	---	---	---	28
29	---		---	0.252	0.184	0.092	0.065	0.056	0.022	---	---	---	29
30	---		---	0.252	0.204	0.157	0.051	0.046	0.017	---	---	---	30
31	---		---		0.204		0.048	0.056		---		---	31
TOTAL	---	---	---	---	6.776	4.212	2.594	0.678	0.793	---	---	---	TOTAL
MEAN	---	---	---	---	0.219	0.140	0.084	0.022	0.026	---	---	---	MEAN
MAX	---	---	---	---	0.279	0.184	0.191	0.056	0.069	---	---	---	MAX
MIN	---	---	---	---	0.184	0.092	0.043	0.008	0.012	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 56 37 N
LONG 119 20 57 W
DRAINAGE AREA, 24.7 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	224
FEB	---	AUG	58.6
MAR	---	SEP	68.5
APR	---	OCT	---
MAY	585	NOV	---
JUN	364	DEC	---

HLINA CREEK BELOW RASMUSSEN CREEK - STATION NO. 08LE104

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.259	0.150	0.109	0.065E	0.080	---	---	---	1
2	---	---	---	---	0.247	0.139	0.094	0.062E	0.056	---	---	---	2
3	---	---	---	---	0.247	0.133	0.070	0.059E	0.044	---	---	---	3
4	---	---	---	---	0.236	0.133	0.066	0.058	0.066	---	---	---	4
5	---	---	---	---	0.384	0.133	0.074E	0.056	0.044	---	---	---	5
6	---	---	---	---	0.264	0.125	0.078	0.050	0.036	---	---	---	6
7	---	---	---	---	0.259	0.122	0.084	0.044	0.034	---	---	---	7
8	---	---	---	---	0.241	0.122	0.076	0.041	0.032	---	---	---	8
9	---	---	---	---	0.226	0.125	0.068	0.036	0.032	---	---	---	9
10	---	---	---	---	0.217	0.130	0.066	0.032	0.027	---	---	---	10
11	---	---	---	---	0.217	0.120	0.064E	0.027	0.024	---	---	---	11
12	---	---	---	---	0.193	0.116	0.062	0.027	0.023	---	---	---	12
13	---	---	---	---	0.193	0.116	0.060	0.027	0.023E	---	---	---	13
14	---	---	---	---	0.193	0.109	0.084	0.027	0.022	---	---	---	14
15	---	---	---	---	0.193	0.120	0.072	0.024	0.022	---	---	---	15
16	---	---	---	---	0.189	0.120	0.066	0.024	0.022	---	---	---	16
17	---	---	---	---	0.184E	0.116	0.060	0.023	0.021	---	---	---	17
18	---	---	---	---	0.181	0.120	0.052	0.023	0.020	---	---	---	18
19	---	---	---	---	0.177	0.133	0.050	0.023	0.041	---	---	---	19
20	---	---	---	---	0.169	0.127	0.139	0.072	0.025	---	---	---	20
21	---	---	---	0.231	0.169	0.100	0.082	0.046	0.027	---	---	---	21
22	---	---	---	0.370	0.165	0.120	0.082	0.036	0.029	---	---	---	22
23	---	---	---	0.313	0.157	0.106	0.109	0.034	0.032	---	---	---	23
24	---	---	---	0.356	0.150	0.098	0.125E	0.031	0.037	---	---	---	24
25	---	---	---	0.331	0.241	0.090	0.102E	0.027	0.031	---	---	---	25
26	---	---	---	0.300	0.197	0.082	0.079E	0.024	0.027	---	---	---	26
27	---	---	---	0.264	0.177	0.082	0.056	0.022	0.027	---	---	---	27
28	---	---	---	0.306	0.142	0.080	0.050	0.021	0.029	---	---	---	28
29	---		---	0.276	0.139	0.090	0.064	0.023	0.029	---	---	---	29
30	---		---	0.270	0.169	0.102	0.062	0.076	0.041	---	---	---	30
31	---		---		0.189		0.062	0.042		---		---	31
TOTAL	---	---	---	---	6.364	3.459	2.367	1.182	1.003	---	---	---	TOTAL
MEAN	---	---	---	---	0.205	0.115	0.076	0.038	0.033	---	---	---	MEAN
MAX	---	---	---	---	0.384	0.150	0.139	0.076	0.080	---	---	---	MAX
MIN	---	---	---	---	0.139	0.080	0.050	0.021	0.020	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 57 27 N
LONG 119 22 37 W
DRAINAGE AREA, 15.9 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	205
FEB	---	AUG	102
MAR	---	SEP	86.7
APR	---	OCT	---
MAY	550	NOV	---
JUN	299	DEC	---

HOBSON CREEK BELOW BOIS GRENIER CREEK - STATION NO. 08LA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.11B	2.45B	1.51B	1.25B	6.44	25.4	18.0	15.4	17.7	6.66	14.2	2.27B	1
2	3.00B	2.30B	1.47B	1.27B	5.33	25.8	19.9	14.9	14.7	5.52	12.0	2.25B	2
3	2.93B	2.20B	1.44B	1.29B	4.48	24.9	30.9	14.5	10.1	4.58	8.82	2.39B	3
4	2.89B	2.11B	1.41B	1.31B	4.44	23.2	27.0	14.1	10.2	4.36	6.84	2.30B	4
5	2.85B	2.03B	1.39B	1.33B	4.61	20.8	24.8	14.5	9.18	4.18	5.96	2.24B	5
6	2.75B	1.97B	1.36B	1.35B	4.40	20.5	23.4	15.4	9.29	4.29	5.40	2.16B	6
7	2.61B	1.91B	1.33B	1.37B	4.28	17.9	18.5	16.7	11.8	9.62	5.03	2.10B	7
8	2.51B	1.87B	1.30B	1.40B	4.66	16.0	14.7	16.8	13.7	5.84	4.74	2.02B	8
9	2.43B	1.80B	1.28B	1.41B	5.51	14.9	12.7	16.1	13.7	5.04	4.55	2.00B	9
10	2.38B	1.73B	1.26B	1.42B	5.82	14.6	13.8	16.6	10.4	4.63	4.38	1.95B	10
11	2.33B	1.68B	1.25B	1.45B	5.85	15.3	16.0	17.5	10.7	4.21	4.64	1.91B	11
12	2.28B	1.62B	1.23B	1.44B	6.93	13.5	17.3	17.3	9.07	3.93	6.21	1.87B	12
13	2.23B	1.59B	1.20B	1.46B	8.51	14.2	18.7	15.6	7.94	3.90	4.76	1.83B	13
14	2.18B	1.57B	1.17B	1.48B	9.68	15.9	20.7	15.2	7.83	3.83	4.51	1.79B	14
15	2.02B	1.58B	1.14B	1.50B	9.73	17.0	20.0	14.6	10.3	3.94	4.52	1.75B	15
16	1.89B	1.60B	1.13B	1.55B	10.6	16.9	21.6	14.6	12.8	5.60	4.45	1.70B	16
17	1.77B	1.63B	1.12B	1.60B	12.0	14.3	22.6	15.2	13.4	4.49	3.89	1.67B	17
18	1.71B	1.68B	1.11B	1.80	13.8	12.4	23.3	13.6	14.5	4.23	3.82	1.61B	18
19	1.70B	1.71B	1.10B	2.07	15.3	11.8	23.0	13.9	12.4	4.02	3.94	1.57B	19
20	1.72B	1.74B	1.10B	2.40	17.4	14.2	25.1	11.8	7.61	3.58	3.86	1.53B	20
21	1.79B	1.77B	1.09B	2.29	19.9	12.3	21.6	11.9	6.03	3.53	3.82	1.50B	21
22	1.90B	1.75B	1.08B	2.38	24.0	11.3	19.0	12.3	5.15	3.54	3.71	1.48B	22
23	2.00B	1.73B	1.07B	3.09	23.8	12.2	20.2	13.4	5.23	3.46	3.53	1.49B	23
24	2.15B	1.71B	1.09B	5.47	28.4	12.7	21.6	14.9	4.65	3.73	3.33	1.55B	24
25	2.35B	1.69B	1.12B	3.72	34.8	15.1	18.2	17.0	4.20	4.32	3.15B	1.59B	25
26	2.55B	1.66B	1.13B	3.09	41.8	17.1	18.1	13.8	3.97	4.15	3.00B	1.52B	26
27	2.72B	1.61B	1.15B	2.93	27.4	15.7	19.2	11.8	3.92	4.49	2.85B	1.46B	27
28	2.82B	1.57B	1.16B	2.79	20.9	14.8	21.8	9.66	4.07	8.44	2.70B	1.40B	28
29	2.81B		1.19B	2.82	22.4	17.1	17.8	12.1	4.43	5.91	2.51B	1.35B	29
30	2.71B		1.21B	4.06	31.5	20.1	16.8	8.82	4.19	4.81	2.39B	1.30B	30
31	2.60B		1.23B		30.1		16.5	8.76		5.58		1.25B	31
TOTAL	73.71	50.26	37.82	62.79	464.77	497.9	622.8	438.74	273.16	148.41	147.51	58.80	TOTAL
MEAN	2.38	1.80	1.22	2.09	15.0	16.6	20.1	14.2	9.11	4.79	4.92	1.77	MEAN
MAX	3.11	2.45	1.51	5.47	41.8	25.8	30.9	17.5	17.7	9.62	14.2	2.39	MAX
MIN	1.70	1.57	1.07	1.25	4.28	11.3	12.7	8.76	3.92	3.46	2.39	1.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.87
MAXIMUM DAILY, 41.8 ON MAY 26
MINIMUM DAILY, 1.07B ON MAR 23
MAXIMUM INSTANTANEOUS,
54.1 AT 01:10 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 30 N
LONG 120 06 10 W
DRAINAGE AREA, 162 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 370	JUL	53 800
FEB	4 340	AUG	37 900
MAR	3 270	SEP	23 600
APR	5 430	OCT	12 800
MAY	40 200	NOV	12 700
JUN	43 000	DEC	4 730

TOTAL DISCHARGE, 248 000 dam³

HOBSON LAKE NEAR CLEARWATER STATION - STATION NO. 08LA014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.441	12.317E	12.203E	12.168E	12.607	13.664	13.187	13.435	13.120	12.604	12.617	12.373A	1
2	12.430	12.305E	12.195E	12.177E	12.673	13.638	13.202	13.390	13.167	12.637	12.754	12.387	2
3	12.415	12.291E	12.186E	12.180E	12.706	13.615	13.291	13.351	13.131	12.626	12.792	12.373	3
4	12.405	12.274E	12.180E	12.183E	12.716	13.597	13.423	13.313	13.102	12.607	12.792	12.363	4
5	12.393	12.272E	12.174E	12.183E	12.722	13.557	13.470	13.292	13.066	12.585	12.764	12.366	5
6	12.392	12.265E	12.171E	12.183E	12.726	13.519	13.506	13.291	13.028	12.567	12.729	12.358	6
7	12.394	12.250E	12.164E	12.186E	12.726	13.449	13.493	13.302	13.010	12.612	12.708	12.348	7
8	12.383	12.242E	12.161E	12.189E	12.732	13.370	13.411	13.326	13.036	12.633	12.675	12.342	8
9	12.374	12.234E	12.157E	12.192E	12.745	13.295	13.320	13.343	13.064	12.619	12.629	12.324E	9
10	12.368	12.223E	12.152E	12.195E	12.762	13.230	13.243	13.360	13.063	12.606	12.606	12.317E	10
11	12.349	12.216E	12.152E	12.206A	12.778	13.195	13.199	13.386	13.044	12.592	12.586	12.311E	11
12	12.341	12.213E	12.152E	12.206	12.798	13.166	13.200	13.412	13.015	12.575	12.605	12.306E	12
13	12.312A	12.208E	12.152E	12.198	12.837	13.135	13.222	13.412	12.964	12.546	12.600	12.298E	13
14	12.272	12.205E	12.148E	12.191	12.882	13.128	13.264	13.394	12.919	12.519	12.593	12.288E	14
15	12.239	12.205E	12.143E	12.191	12.934	13.138	13.313	13.379	12.898	12.506	12.584	12.280E	15
16	12.231	12.208E	12.139E	12.187	12.976	13.162	13.350	13.354	12.927	12.502	12.567	12.272E	16
17	12.229	12.213E	12.130E	12.187	13.028	13.155	13.393	13.351	12.968	12.493	12.550	12.266E	17
18	12.230	12.221E	12.125E	12.197	13.091	13.124	13.443	13.326	13.016	12.490	12.531	12.255E	18
19	12.227	12.230E	12.125E	12.223	13.161	13.080	13.487	13.307	13.064	12.479	12.507	12.247E	19
20	12.227E	12.233E	12.130E	12.231	13.227	13.069	13.522	13.277	13.029	12.466	12.492	12.235E	20
21	12.240E	12.235E	12.130E	12.249	13.314	13.050	13.557	13.234	12.968	12.451	12.482	12.223E	21
22	12.260E	12.235E	12.125E	12.267	13.402	13.029	13.560	13.205	12.906	12.436	12.470	12.216E	22
23	12.275E	12.233E	12.120E	12.293	13.482	13.015	13.559	13.194	12.851	12.430	12.457	12.215E	23
24	12.298E	12.228E	12.125E	12.373	13.553	13.007	13.553	13.206	12.813	12.418	12.450	12.221E	24
25	12.321E	12.226E	12.130E	12.445	13.627	13.010	13.542	13.241	12.755	12.412	12.436	12.235E	25
26	12.343E	12.219E	12.139E	12.480	13.748	13.046	13.508	13.273	12.705	12.409	12.419	12.221E	26
27	12.360E	12.213E	12.143E	12.488	13.774	13.075	13.492	13.259	12.669	12.415	12.400A	12.208E	27
28	12.360E	12.208E	12.152E	12.511	13.724	13.064	13.519	13.197	12.634	12.465	12.390E	12.203E	28
29	12.356E		12.161E	12.520	13.630	13.080	13.537	13.163	12.613	12.500	12.385E	12.200E	29
30	12.349E		12.161E	12.533	13.603	13.145	13.509	13.140	12.588	12.507	12.378E	12.195E	30
31	12.331E		12.164E		13.673		13.471	13.075		12.513		12.191E	31
MEAN	12.327	12.237	12.151	12.267	13.108	13.227	13.411	13.296	12.938	12.523	12.565	12.279	MEAN
MAX	12.441	12.317	12.203	12.533	13.774	13.664	13.560	13.435	13.167	12.637	12.792	12.387	MAX
MIN	12.227	12.205	12.120	12.168	12.607	13.007	13.187	13.075	12.588	12.409	12.378	12.191	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 12.697
MAXIMUM DAILY, 13.774 ON MAY 27
MINIMUM DAILY, 12.120E ON MAR 23
MAXIMUM INSTANTANEOUS,
13.778 AT 20:18 PST ON MAY 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 30 N
LONG 120 19 32 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

HOMATHKO RIVER AT THE MOUTH - STATION NO. 08GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	158	92.3	74.2	55.5	139	340	439	691	563	---	---	---	1
2	155	86.7	72.2	54.1	138	341	459	766	458	---	---	---	2
3	149	82.4	70.0	53.8	137	375	623	656	406	---	---	---	3
4	143	78.1	67.5	53.0	136	358	678	659	389	---	---	---	4
5	143	73.7	65.1	54.2	134	320	661	658	377	---	---	---	5
6	141	71.7	63.5	56.2	132	343	633	737	415	---	---	---	6
7	138	69.6	60.7	54.9	136	279	514	903	557	---	---	---	7
8	133	67.3	59.2	53.8	137	258	443	987	651	---	---	---	8
9	123	65.4	57.5	53.9	138	254	390	1 020	723	---	---	---	9
10	119	62.7	56.7	53.7	139	253	413	1 050	578A	---	---	---	10
11	110	60.3	56.6	53.7	135	257	439	1 030	---	---	---	---	11
12	103	58.8	55.9	54.0	133	251	489	1 000	---	---	---	---	12
13	98.5	59.1	55.4	54.4	137	252	543	964	---	---	---	---	13
14	94.1	66.8	55.1	53.3	143	279	573	911	---	---	---	---	14
15	90.4	74.7	55.6	52.0	149	308	634	875	---	---	---	---	15
16	87.2	84.3	55.7	51.4	152	306	726	814	---	---	---	---	16
17	81.8	94.5	55.2	52.6	155	269	790	794	---	---	---	---	17
18	80.4	99.1	54.0	52.8	160	255	846	849	---	---	---	---	18
19	124	108	53.5	53.2	193	248	884	831	---	---	---	---	19
20	184	112	52.8	55.9	279	263	858	743	---	---	---	---	20
21	212	108	53.0	58.2	306	243	830	657	---	---	---	---	21
22	200	104	53.2	62.3	294	240	782	627	---	---	---	---	22
23	168	99.6	52.9	137	278	242	802	704	---	---	---	---	23
24	151	96.0	52.4	232	335	249	862	838	---	---	---	---	24
25	140	92.1	53.0	169	480	296	897	712	---	---	---	---	25
26	136	87.6	52.9	142	400	358	957	585	---	---	---	---	26
27	130	81.7	52.7	128	315	350	959	499	---	---	---	---	27
28	125	77.6	53.0	121	304	336	905	452	---	---	---	---	28
29	121		53.8	117	331	342	780	457	---	---	---	---	29
30	110		53.1	125	387	447	729	455	---	---	---	---	30
31	100		55.4		361		713	499		---		---	31
TOTAL	4 048.4	2 314.1	1 781.8	2 367.9	6 793	8 912	21 251	23 383	---	---	---	---	TOTAL
MEAN	131	82.6	57.5	78.9	219	297	686	754	---	---	---	---	MEAN
MAX	212	112	74.2	232	480	447	959	1 050	---	---	---	---	MAX
MIN	80.4	58.8	52.4	51.4	132	240	390	452	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 050 ON AUG 10

MAXIMUM INSTANTANEOUS,
1 100 AT 00:37 PST ON AUG 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 05 N
LONG 124 55 01 W
DRAINAGE AREA, 5 720 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	350 000	JUL	1 840 000
FEB	200 000	AUG	2 020 000
MAR	154 000	SEP	---
APR	205 000	OCT	---
MAY	587 000	NOV	---
JUN	770 000	DEC	---

HOMESITE CREEK NEAR HALFMOON BAY - STATION NO. 08GB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700	0.426	0.401	1.69	0.361	0.260	0.145	0.020	0.085	1.65	3.37	0.990	1
2	0.571	0.364	0.328	1.07	0.303	0.221	0.127	0.019	0.078	1.33	1.63	1.89	2
3	0.476	0.307	0.573	0.850	0.948	0.212	0.108	0.017	0.044	0.673	0.937	1.35	3
4	0.402	0.262	0.801	0.774	2.04	0.241	0.093	0.017	0.033	0.433	0.614	1.04	4
5	0.347	0.234	0.632	1.55	1.34	0.497	0.085	0.015	0.030	0.317	0.440	4.84	5
6	0.315	0.211	0.504	1.46	0.860	0.838	0.077	0.014	0.024	0.789	0.330	2.55	6
7	0.273	0.194	0.437	0.901	0.760	0.533	0.072	0.013	0.018	1.75	0.259	3.52	7
8	0.244	0.181	0.390	0.756	0.953	0.378	0.067	0.012	0.015	2.14	0.219	2.51	8
9	0.236	0.170	0.319	0.710	0.715	0.305	0.062	0.010	0.013	3.04	0.193	3.34	9
10	0.217	0.151	0.267	0.593	0.559	0.266	0.097	0.009	0.012	1.20	0.183	4.71	10
11	0.198	0.141	0.240	0.769	0.513	0.248	0.128	0.008	0.012	0.667	0.680	2.44	11
12	0.185	0.157	0.214	0.741	0.388	0.207	0.098	0.007	0.010	0.442	2.10	1.33	12
13	0.170	0.324	0.191	0.658	0.329	0.188	0.083	0.007	0.008	0.292	1.62	0.899	13
14	0.161	1.02	0.177	0.619	0.327	0.170	0.075	0.006	0.007	0.223	1.47	0.718	14
15	0.153	1.44	0.205	0.611	0.414	0.154	C.068	0.006	0.007	0.179	1.99	0.575	15
16	0.146	2.92	0.566	0.652	0.372	0.201	0.061	0.005	0.006	0.152	2.01	0.482	16
17	0.142	2.37	0.460	0.568	0.297	0.195	0.053	0.005	0.005	0.135	1.39	0.404	17
18	0.201	2.49	0.340	0.462	0.262	0.257	0.048	0.005	0.006	0.120	1.27	0.595	18
19	0.482	3.89	0.257	0.364	0.303	0.486	0.049	0.005	0.014	0.107	1.29	2.78	19
20	0.526	2.45	0.215	0.312	0.290	0.333	0.050	0.004	0.018	0.098	2.20	2.05	20
21	0.725	1.81	0.186	0.345	0.253	0.257	0.045	0.004	0.044	0.090	2.32	1.22	21
22	0.774	1.38	0.178	1.02	0.230	0.234	0.041	0.004	0.193	0.084	2.50	0.781	22
23	0.604	0.967	0.174	1.69	0.203	0.224	0.038	0.004	0.120	0.078	3.80	0.601	23
24	0.477	0.713	0.171	1.04	0.383	0.209	0.034	0.004	0.091	0.072	2.02	0.685	24
25	0.384	0.605	0.520	0.651	3.58	0.186	0.030	0.004	0.158	0.068	1.27	0.712	25
26	0.330	0.573	0.536	0.461	2.08	0.164	0.027	0.004	0.110	0.070	1.05	0.837	26
27	0.283	0.527	0.368	0.438	1.12	0.145	0.024	0.004	0.139	0.144	0.757	0.729	27
28	0.429	0.472	0.275	0.610	0.672	0.132	0.021	0.004	0.486	2.12	0.576	0.547	28
29	0.570		1.95	0.534	0.484	0.163	0.021	0.010	0.560	2.00	0.451	0.427	29
30	0.557		2.22	0.447	0.435	0.161	0.022	0.018	0.986	1.35	0.428	0.345	30
31	0.493		2.46		0.327		0.023	0.019		6.04		0.289	31
TOTAL	11.771	26.749	16.555	23.346	22.101	8.065	1.972	0.283	3.332	27.853	39.327	46.186	TOTAL
MEAN	0.380	0.955	0.534	0.778	0.713	0.269	0.064	0.009	0.111	0.898	1.31	1.49	MEAN
MAX	0.774	3.89	2.46	1.69	3.58	0.838	0.145	0.020	0.986	6.04	3.80	4.84	MAX
MIN	0.142	0.141	0.171	0.312	0.203	0.132	0.021	0.004	0.005	0.068	0.183	0.289	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.623
MAXIMUM DAILY, 6.04 ON OCT 31
MINIMUM DAILY, 0.004 ON AUG 20
MAXIMUM INSTANTANEOUS,
10.2 AT 15:30 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 55 N
LONG 123 55 45 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 020	JUL	170
FEB	2 310	AUG	24.5
MAR	1 430	SEP	288
APR	2 020	OCT	2 410
MAY	1 910	NOV	3 400
JUN	697	DEC	3 990

TOTAL DISCHARGE, 19 700 dam³

HORSE LAKE NEAR 100 MILE HOUSE - STATION NO. 08LA017

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.981	0.981	0.963	0.981	1.085	1.170	1.308	1.387	1.247	1.149	1.039	0.960	1
2	0.981	0.981	0.963	0.988	1.085	1.177	1.314	1.387	1.247	1.143	1.033	0.960	2
3	0.981	0.981	0.963	0.994	1.091	1.177	1.314	1.387	1.241	1.137	1.033	0.960	3
4	0.988	0.981	0.957	1.000	1.091	1.192	1.320	1.387	1.241	1.137	1.033	0.960	4
5	0.988	0.981	0.957	1.000	1.097	1.183	1.332	1.387	1.234	1.131	1.027	0.954	5
6	0.988	0.981	0.957	1.006	1.097	1.219	1.338	1.387	1.234	1.131	1.027	0.954	6
7	0.978	0.981	0.957	1.012	1.103	1.222	1.344	1.381	1.234	1.125	1.021	0.954	7
8	0.975	0.975	0.957	1.018	1.103	1.222	1.350	1.381	1.234	1.125	1.021	0.954	8
9	0.975	0.975	0.957	1.018	1.103	1.228	1.356	1.375	1.228	1.119	1.015	0.951	9
10	0.981	0.969	0.957	1.018	1.109	1.228	1.356	1.375	1.228	1.113	1.009	0.948	10
11	0.981	0.969	0.957	1.024	1.116	1.228	1.350	1.369	1.222	1.106	1.003	0.942	11
12	0.981	0.963	0.957	1.024	1.116	1.228	1.350	1.369	1.216	1.106	0.997	0.942	12
13	0.981	0.963	0.957	1.024	1.122	1.234	1.350	1.356	1.210	1.100	0.997	0.936	13
14	0.981	0.957	0.951	1.024	1.122	1.234	1.350	1.350	1.204	1.100	0.991	0.936	14
15	0.981	0.957	0.951	1.024	1.122	1.234	1.344	1.350	1.198	1.100	0.991	0.930	15
16	0.975	0.957	0.951	1.024	1.128	1.234	1.347	1.344	1.192	1.094	0.991	0.930	16
17	0.975	0.957	0.951	1.024	1.128	1.241	1.344	1.338	1.186	1.094	0.991	0.930	17
18	0.975	0.957	0.957	1.024	1.128	1.241	1.344	1.332	1.180	1.094	0.988	0.930	18
19	0.975	0.957	0.957	1.030	1.134	1.241	1.350	1.326	1.180	1.088	0.988	0.930	19
20	0.975	0.951	0.957	1.030	1.134	1.247	1.362	1.320	1.173	1.088	0.985	0.936	20
21	0.975	0.951	0.963	1.030	1.140	1.247	1.369	1.314	1.173	1.082	0.985	0.936	21
22	0.975	0.951	0.963	1.030	1.146	1.259	1.369	1.308	1.167	1.076	0.985	0.936	22
23	0.975	0.951	0.963	1.030	1.152	1.259	1.369	1.301	1.167	1.070	0.985	0.936	23
24	0.981	0.951	0.969	1.036	1.152	1.271	1.369	1.295	1.167	1.070	0.978	0.939	24
25	0.981	0.957	0.963	1.036	1.152	1.271	1.369	1.289	1.161	1.064	0.978	0.939	25
26	0.981	0.957	0.963	1.042	1.158	1.277	1.369	1.283	1.161	1.058	0.972	0.939	26
27	0.981	0.957	0.963	1.055	1.158	1.277	1.362	1.271	1.155	1.052	0.972	0.942	27
28	0.981	0.963	0.963	1.061	1.158	1.283	1.375	1.259	1.155	1.052	0.972	0.942	28
29	0.981		0.969	1.067	1.158	1.289	1.381	1.259	1.149	1.045	0.966	0.945	29
30	0.981		0.975	1.073	1.158	1.301	1.381	1.253	1.149	1.045	0.966	0.945	30
31	0.981		0.975		1.164		1.387	1.253		1.039		0.948	31
MEAN	0.980	0.965	0.960	1.025	1.126	1.237	1.352	1.335	1.198	1.095	0.998	0.943	MEAN
MAX	0.988	0.981	0.975	1.073	1.164	1.301	1.387	1.387	1.247	1.149	1.039	0.960	MAX
MIN	0.975	0.951	0.951	0.981	1.085	1.170	1.308	1.253	1.149	1.039	0.966	0.930	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.102
MAXIMUM DAILY, 1.387 ON JUL 31
MINIMUM DAILY, 0.930 ON DEC 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 36 06 N
LONG 121 11 32 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HORSEFLY RIVER ABOVE MCKINLEY CREEK - STATION NO. 08KH010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0 B	15.1 B	6.75B	8.19	31.9	86.4	39.3	27.6	14.1	11.2	21.4	6.80B	1
2	15.0 B	14.1 B	6.70B	8.10	32.0	78.0	38.1	24.9	20.4	12.8	32.4	6.60B	2
3	13.8 B	13.1 B	6.50B	8.06	28.7	71.9	45.3	23.7	16.3	12.3	25.0	6.30B	3
4	13.1 B	12.2 B	6.40B	7.42	26.9	71.7	52.9	22.2	16.0	11.4	21.9	6.00B	4
5	14.6 B	11.2 B	6.35B	7.73	27.1	68.0	45.8	21.0	17.6	10.7	19.2	5.70B	5
6	14.5 B	10.2 B	6.40B	7.45	26.5	67.3	44.1	20.2	15.6	10.2	17.7	5.50B	6
7	13.9 B	9.30B	6.41B	7.21	26.2	58.4	39.2	19.4 A	14.0	15.8	16.9	5.35B	7
8	13.1 B	8.80B	6.40B	7.10	26.5	51.4	33.1	18.7	12.8	16.5	15.8	5.25B	8
9	13.0 B	8.52B	6.30B	7.03	27.8	46.7	29.1	17.9	11.9	15.1	15.0	5.20B	9
10	12.6 B	8.10B	6.21A	6.73	28.6	44.1	27.1	17.1	12.4	14.5	14.1	5.21B	10
11	12.0 B	7.90B	6.08	6.61	27.7	43.9	27.1	16.8	11.2	13.7	13.6	5.19B	11
12	11.4 B	7.70B	5.96	6.55	27.7	41.8	26.3	16.5	10.4	12.9	15.0	5.10B	12
13	10.6 B	7.60B	5.96	6.30	31.7	38.2	26.5	15.7	9.66	12.1	15.3	4.92B	13
14	10.1 B	7.45B	6.16	6.29	36.2	37.9	27.8	14.9	8.93	11.8	14.3	4.95B	14
15	9.50B	7.40B	6.24	6.12	39.1	39.8	30.4	14.4	8.69	11.5	14.3	4.98B	15
16	9.10B	7.42B	7.17	6.52	42.9	40.9	29.6	13.8	8.43	12.6	13.9	5.00B	16
17	9.10B	7.45B	7.29	7.12	47.7	41.2	28.7	13.4	8.04	14.0	12.7	5.10B	17
18	10.0 B	7.55B	6.73	7.17	53.8	39.1	28.3	12.9	7.82	13.1	11.5	5.20B	18
19	11.2 B	7.57B	6.44	8.29	59.8	36.7	34.8	11.6	9.12	12.4	11.9	5.45B	19
20	12.5 B	7.60B	6.49	10.7	67.5	36.2	36.8	10.6	10.9	11.7	11.2	5.50B	20
21	13.9 B	7.50B	6.37	11.5	73.9	35.7	37.4	9.34	9.31	10.8	10.8	5.45B	21
22	15.9 B	7.40B	6.68	12.1	74.6	34.4	33.3	9.09	8.61	10.7	10.5	5.40B	22
23	19.4 B	7.25B	6.31	13.8	79.1	35.6	31.5	8.69	8.44	10.3	10.2	5.30B	23
24	22.5 B	7.15B	6.41	27.0	85.7	36.3	29.9	8.62	9.27	11.4	9.68	5.20B	24
25	24.5 B	7.00B	6.74	25.9	98.7	37.1	27.4	8.50	9.47	12.6	9.16	5.15B	25
26	24.1 B	6.95B	6.92	21.1	115	41.2	25.5	8.01	8.58	12.4	9.19	5.10B	26
27	23.1 B	6.85B	7.25	19.4	104	41.1	25.3	7.81	8.07	11.8	8.81	5.05B	27
28	22.1 B	6.80B	7.59	19.3	82.4	37.3	27.0	7.62	8.03	12.8	7.85	4.95B	28
29	20.0 B		8.18	18.9	70.9	37.2	30.1	7.71	9.79	16.0	7.40B	4.90B	29
30	18.1 B		8.40	20.2	75.0	41.4	28.9	10.2	10.4	14.2	7.10B	4.80B	30
31	16.5 B		8.37		95.3		29.1	9.11		13.2		4.70B	31
TOTAL	465.20	243.16	208.16	335.89	1 670.9	1 416.9	1 015.7	448.00	334.26	392.5	423.79	165.30	TOTAL
MEAN	15.0	8.68	6.71	11.2	53.9	47.2	32.8	14.5	11.1	12.7	14.1	5.33	MEAN
MAX	24.5	15.1	8.40	27.0	115	86.4	52.9	27.6	20.4	16.5	32.4	6.80	MAX
MIN	9.10	6.80	5.96	6.12	26.2	34.4	25.3	7.62	7.82	10.2	7.10	4.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.5
MAXIMUM DAILY, 115 ON MAY 26
MINIMUM DAILY, 4.70B ON DEC 31
MAXIMUM INSTANTANEOUS,
123 AT 18:57 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 23 N
LONG 121 03 37 W
DRAINAGE AREA, 785 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 200	JUL	87 800
FEB	21 000	AUG	38 700
MAR	18 000	SEP	28 900
APR	29 000	OCT	33 900
MAY	144 000	NOV	36 600
JUN	122 000	DEC	14 300

TOTAL DISCHARGE, 614 000 dam³

MOSHER CREEK ABOVE DIVERSIONS - STATION NO. 08NK026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.100	0.799	---	0.210	0.045	0.027	0.079	0.045	---	1
2	---	---	---	0.093E	0.825E	---	0.190	0.045E	0.027E	0.062E	0.045E	---	2
3	---	---	---	0.086	0.850	---	0.161	0.045	0.027	0.045	0.045	---	3
4	---	---	---	0.086E	0.850E	---	0.147E	0.045E	0.027E	0.045E	0.045E	---	4
5	---	---	---	0.086	0.850	---	0.133	0.045	0.027	0.045	0.045	---	5
6	---	---	---	0.079E	0.719E	---	0.142E	0.045E	0.027E	0.045E	0.045E	---	6
7	---	---	---	0.072	0.589	---	0.152	0.045	0.027	0.045	0.045	---	7
8	---	---	---	0.079	0.535E	---	0.133E	0.045E	0.027E	0.052E	0.045E	---	8
9	---	---	---	0.072	0.480	---	0.113	0.045	0.027	0.059	0.045	---	9
10	---	---	---	0.066E	0.425E	---	0.113E	0.041E	0.027E	0.059E	0.040	---	10
11	---	---	---	0.059	0.371	---	0.113	0.036	0.027	0.059	0.045	---	11
12	---	---	---	0.059E	0.365E	---	0.113E	0.036E	0.023E	0.052E	0.045E	---	12
13	---	---	---	0.059	0.360E	---	0.113	0.036	0.018	0.045	0.045	---	13
14	---	---	---	0.072E	0.355	---	0.106E	0.036E	0.018E	0.045E	0.045E	---	14
15	---	---	---	0.086	---	---	0.100	0.036	0.018	0.045	0.045	---	15
16	---	---	---	0.138E	---	---	0.093E	0.036E	0.018E	0.045E	0.045E	---	16
17	---	---	---	0.190	---	---	0.086	0.036	0.018	0.045	0.045	---	17
18	---	---	---	0.216E	---	---	0.086E	0.032E	0.018E	0.045E	0.045E	---	18
19	---	---	---	0.242	---	---	0.086	0.027	0.018	0.045	0.045	---	19
20	---	---	---	0.292E	---	---	0.079E	0.027E	0.018E	0.045E	0.045E	---	20
21	---	---	---	0.339	---	---	0.072	0.027	0.018	0.045	0.045	---	21
22	---	---	---	0.530E	0.771	---	0.072E	0.032E	0.018E	0.045E	0.045E	---	22
23	---	---	---	0.719	---	---	0.072	0.036	0.018	0.045	0.045	---	23
24	---	---	---	0.566E	---	---	0.066E	0.036E	0.018E	0.045E	0.045E	---	24
25	---	---	---	0.415	---	---	0.059	0.036	0.018	0.045	0.045E	---	25
26	---	---	---	0.459E	---	---	0.059E	0.036E	0.039E	0.045E	0.045	---	26
27	---	---	---	0.502	---	---	0.059	0.036	0.059	0.045	---	---	27
28	---	---	---	0.547E	---	---	0.052E	0.032E	0.052E	0.045E	---	---	28
29	---		---	0.589	0.641	---	0.045	0.027	0.045	0.045	---	---	29
30	---		---	1.11	---	---	0.045E	0.027E	0.062E	0.045E	---	---	30
31	---		0.100		---		0.045	0.031		0.045		---	31
TOTAL	---	---	---	8.008	---	---	3.115	1.180	0.811	1.502	---	---	TOTAL
MEAN	---	---	---	0.267	---	---	0.100	0.037	0.027	0.048	---	---	MEAN
MAX	---	---	---	1.11	---	---	0.210	0.045	0.062	0.079	---	---	MAX
MIN	---	---	---	0.059	---	---	0.045	0.027	0.018	0.045	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 08 N
LONG 114 57 20 W
DRAINAGE AREA, 6.40 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	269
FEB	---	AUG	98.5
MAR	---	SEP	70.1
APR	692	OCT	130
MAY	---	NOV	---
JUN	---	DEC	---

HOWELL CREEK ABOVE CABIN CREEK - STATION NO. 08NP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.51	1.03	0.864B	1.39	12.7	11.5	7.96	3.17	1.77	1.01	0.777	0.605	1
2	3.14	1.01	0.864B	1.31	15.4	10.2	7.59	3.06	1.95	1.08	0.771	0.621	2
3	2.65	0.977	0.886	1.29	11.5	9.88	7.14	3.00	1.77	1.05	0.777	0.626B	3
4	2.41	0.929B	0.813	1.29	9.57	10.6	6.88	2.92	1.63	1.04	0.723	0.620	4
5	2.36	0.934B	0.850	1.48	8.64	11.0	6.85	2.78	1.62	1.09	0.707	0.610	5
6	2.33	0.983B	0.850	1.42	7.99	10.4	6.60	2.76	1.56	1.07	0.716	0.641	6
7	2.21	1.01 B	0.850B	1.20	7.31	10.3	6.46	2.75	1.54	1.05	0.699	0.629	7
8	2.11	0.949B	0.844	1.16	6.94	9.49	6.23	2.64	1.49	1.02	0.686	0.619	8
9	1.97	0.864B	0.875	1.19	6.80	9.23	5.75	2.54	1.51A	1.02	0.712	0.608	9
10	1.83	0.779B	0.852	1.10	6.82	9.03	5.32	2.53	1.41	1.01	0.700	0.683	10
11	1.70 B	0.821B	0.872	1.04	6.99	8.67	5.24	2.52	1.38	0.985	0.689	0.637	11
12	1.53 B	0.864B	0.869	1.01	7.19	8.27	5.07	2.42	1.35	0.961	0.706	0.580B	12
13	1.39 B	0.892B	0.906	0.915	7.19	8.52	5.07	2.41	1.31	0.938	0.727	0.481B	13
14	1.25 B	0.906B	0.957	0.966	7.56	8.92	5.18	2.38	1.32	0.941	0.742	0.382B	14
15	1.13 B	0.906E	0.977	1.04	8.30	10.3	5.27	2.39	1.31	0.905	0.740	0.345B	15
16	0.991B	0.934E	1.01	1.10	9.12	11.1	4.93	2.32	1.30	0.891	0.730	0.340B	16
17	1.08 B	0.997A	1.06	1.34	8.55	11.0	4.70	2.23	1.24	0.881	0.735	0.340B	17
18	1.16 B	0.915	1.07	1.67	8.24	10.4	4.56	2.12	1.24	0.877	0.752	0.379B	18
19	1.26 B	0.977	1.08 B	2.19	9.34	9.83	4.42	2.08	1.18	0.867	0.717	0.408B	19
20	1.43	0.983	1.05 B	2.72	11.4	9.91	4.39	2.07	1.16	0.856	0.690	0.447B	20
21	1.50	0.861	1.08 B	4.30	12.6	10.1	4.28	1.99	1.21	0.848	0.690	0.453B	21
22	1.40	0.821	1.07	5.10	14.2	9.97	4.16	1.89	1.20	0.832	0.709	0.453B	22
23	1.32	0.827	1.10	5.52	16.4	9.46	4.33	1.92	1.17	0.822	0.666	0.439B	23
24	1.34	0.827	1.09	8.27	16.3	9.09	4.67	1.86	1.09	0.818	0.670	0.433B	24
25	1.27	0.807	1.07	9.85	16.3	8.72	4.22	1.85	1.10	0.816	0.652	0.428B	25
26	1.21	0.824	1.06	8.69	16.6	8.72	3.96	1.85	1.09	0.813	0.641	0.425B	26
27	1.21	0.875	1.10	7.93	15.9	8.89	3.77	1.78	1.08	0.809	0.580B	0.425B	27
28	1.20	0.889B	1.19	7.76	14.1	8.67	3.85	1.68	1.12	0.815	0.566B	0.422B	28
29	1.13		1.21	7.82	12.9	8.18	3.71	1.68	1.09	0.780	0.569B	0.419B	29
30	1.10		1.30	9.00	12.2	7.84	3.45	1.67	1.06	0.760	0.602	0.419B	30
31	1.08		1.34		12.3		3.26	1.66		0.780		0.416B	31
TOTAL	51.201	25.391	31.009	101.061	337.35	288.19	159.27	70.92	40.25	28.435	20.841	15.333	TOTAL
MEAN	1.65	0.907	1.00	3.37	10.9	9.61	5.14	2.29	1.34	0.917	0.695	0.495	MEAN
MAX	3.51	1.03	1.34	9.85	16.6	11.5	7.96	3.17	1.95	1.09	0.777	0.683	MAX
MIN	0.991	0.779	0.813	0.915	6.80	7.84	3.26	1.66	1.06	0.760	0.566	0.340	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.20
MAXIMUM DAILY, 16.6 ON MAY 26
MINIMUM DAILY, 0.340B ON DEC 16
MAXIMUM INSTANTANEOUS,
17.4 AT 15:00 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 41 N
LONG 114 32 09 W
DRAINAGE AREA, 145 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 420	JUL	13 800
FEB	2 190	AUG	6 130
MAR	2 680	SEP	3 480
APR	8 730	OCT	2 460
MAY	29 100	NOV	1 800
JUN	24 900	DEC	1 320

TOTAL DISCHARGE, 101 000 dam³

HYDRAULIC CREEK AT OUTLET OF MCCULLOCH RESERVOIR - STATION NO. 08NM011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.783	1.07 E	---	0.923	---	---	---	1
2	---	---	---	---	---	0.783	1.07	---	0.783	---	---	---	2
3	0.033	---	---	---	---	0.783	1.07	---	---	---	---	---	3
4	---	---	---	---	---	0.833	1.07	1.07	---	---	---	---	4
5	---	---	---	---	---	0.947	1.07 E	---	---	---	---	---	5
6	---	---	---	---	---	0.947	1.07	1.10	---	---	---	---	6
7	---	---	---	---	---	0.947E	1.05	1.15	---	0.112	---	---	7
8	---	---	---	---	---	0.947	0.972	---	0.851	---	---	---	8
9	---	---	---	---	---	0.947	0.972	---	---	---	---	0.162	9
10	---	---	---	---	---	0.947	0.972E	1.27	0.972	---	---	---	10
11	---	---	---	---	---	0.947	0.972E	1.40	---	---	---	---	11
12	---	---	---	---	---	0.947	0.972E	---	---	---	---	---	12
13	---	---	---	---	0.064	0.947	0.972	1.40	---	---	---	---	13
14	---	---	---	---	0.149	0.947	0.972	1.34	---	---	---	---	14
15	---	---	---	---	0.212	0.947	0.972	---	1.07	---	---	---	15
16	---	---	---	---	0.292	0.947	0.972	---	1.07	---	---	---	16
17	0.033	---	---	---	0.568	0.947	0.972	---	---	---	---	---	17
18	---	---	---	---	0.568	0.947	0.972E	1.34	1.02	---	---	---	18
19	---	---	---	---	0.568	0.947	0.972E	---	---	---	---	---	19
20	---	---	---	---	0.568	0.947	0.972E	---	---	---	---	---	20
21	---	---	---	---	0.568	0.947E	0.972	1.28	0.652	---	---	---	21
22	---	---	---	---	0.568	0.947	0.972E	1.17	0.652	---	---	---	22
23	---	---	---	---	0.738	0.947E	0.972	---	0.298	---	---	---	23
24	---	---	---	---	0.738E	0.947	0.972E	---	0.190	---	---	---	24
25	---	---	---	---	0.738	0.978E	0.972E	1.12	0.190	---	---	---	25
26	---	---	---	---	0.783	1.01	0.972E	---	0.112	---	---	---	26
27	---	---	---	---	0.783	1.03 E	0.972	1.17	---	---	---	---	27
28	---	---	---	---	0.783	1.05 E	1.02	---	---	---	---	---	28
29	---		---	---	0.783	1.07	1.07	1.12	---	---	---	---	29
30	0.033		---	---	0.783E	1.07	1.07 E	---	---	---	---	---	30
31	---		---		0.783E		1.07	---		---		---	31
TOTAL	---	---	---	---	---	28.330	31.140	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.944	1.00	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	1.07	1.07	---	---	---	---	---	MAX
MIN	---	---	---	---	---	0.783	0.972	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 47 01 N
LONG 119 11 04 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 690
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	2 450	DEC	---

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

E - ESTIMATED
REGULATED

HYDRAULIC CREEK NEAR THE MOUTH - STATION NO. 08NM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.059B	0.034B	0.009B	0.076	2.07	0.810	0.498	0.178	0.300	0.031	0.076	0.059	1
2	0.057B	0.034B	0.010B	0.076	1.79	0.671	0.311	0.224	0.195	0.044	0.054	0.067	2
3	0.057B	0.031B	0.007B	0.079	1.44	0.614	0.221	0.484	0.113	0.041	0.060	0.056	3
4	0.054B	0.027B	0.005	0.071	1.29	0.513	0.178	0.258	0.176	0.050	0.059	0.071	4
5	0.054B	0.022B	0.003	0.071	1.17	0.592	0.193	0.099	0.278	0.067	0.047	0.076	5
6	0.054B	0.018B	0.002	0.074	1.08	0.685	0.142	0.042	0.292	0.107	0.040	0.074	6
7	0.054B	0.016B	0.001	0.076	1.03	0.620	0.668	0.020	0.227	0.128	0.040	0.068	7
8	0.057B	0.014B	0	0.071	0.997	0.643	0.648	0.062	0.099	0.098	0.040A	0.068	8
9	0.057B	0.012B	0	0.071	1.05	0.974	0.450	0.057	0.042A	0.109	0.040E	0.069	9
10	0.057B	0.009B	0	0.065	1.05	1.43	0.507	0.034	0.020	0.099	0.037E	0.317	10
11	0.051B	0.009B	0	0.065	1.02	1.80	0.612	0.079	0.038	0.072	0.042E	0.287	11
12	0.051B	0.010B	0.001	0.065	1.04	1.55	0.527	0.122	0.057	0.052	0.048E	0.289B	12
13	0.054B	0.010B	0	0.059	0.974	1.64	0.677	0.127	0.067	0.041	0.054E	0.306B	13
14	0.054B	0.011B	0	0.057	0.932	1.62	1.05	0.184	0.055	0.117	0.065E	0.317B	14
15	0.054B	0.012B	0.001	0.062	1.26	1.30	1.08	0.204	0.021	0.062	0.062E	0.334A	15
16	0.054B	0.013B	0.007	0.085	1.27	1.10	0.900	0.238	0.064	0.033	0.059E	0.331B	16
17	0.054B	0.015B	0.017	0.102	1.25	0.963	0.719	0.331	0.053	0.026	0.059E	0.326B	17
18	0.054B	0.014B	0.014	0.142	1.31	0.889	0.799	0.354	0.086	0.023	0.068E	0.314B	18
19	0.057B	0.014B	0.013	0.210	1.15	1.06	0.830	0.212	0.296	0.023	0.076A	0.309B	19
20	0.057B	0.013B	0.012	0.328	1.01	1.20	0.643	0.224	0.432	0.021	0.101	0.320B	20
21	0.057B	0.012B	0.008	0.379	1.33	1.12	0.493	0.227	0.381	0.034A	0.108	0.283B	21
22	0.057B	0.011B	0.010	0.510	1.18	1.04	0.320	0.246	0.236	0.041	0.115	0.272B	22
23	0.054B	0.010B	0.012	0.782	1.17	0.852	0.201	0.173	0.128	0.023	0.111	0.272B	23
24	0.051B	0.010B	0.012	1.99	1.05	0.665	0.575	0.280	0.140	0.013	0.105	0.275B	24
25	0.048B	0.010B	0.014	1.66	1.33	0.513	0.736	0.218	0.208	0.002	0.096	0.269B	25
26	0.045B	0.010B	0.024	1.50	1.56	0.343	0.569	0.057	0.345	0.002	0.101	0.252B	26
27	0.045B	0.010B	0.034	1.34	1.34	0.354	0.300	0.010	0.188	0.001	0.095	0.246B	27
28	0.045B	0.009B	0.042	1.26	1.08	0.331	0.105	0.034	0.123	0.056	0.082	0.238B	28
29	0.042B		0.054	1.30	0.867	0.249	0.147	0.246	0.052	0.092	0.093	0.221B	29
30	0.042B		0.062	1.70	0.878	0.198	0.210	0.326	0.032	0.075	0.088	0.198B	30
31	0.040B		0.068		1.01		0.139	0.210		0.085		0.176B	31
TOTAL	1.626	0.420	0.442	14.326	36.978	26.339	15.448	5.560	4.744	1.668	2.121	6.760	TOTAL
MEAN	0.052	0.015	0.014	0.478	1.19	0.878	0.498	0.179	0.158	0.054	0.071	0.218	MEAN
MAX	0.059	0.034	0.068	1.99	2.07	1.80	1.08	0.484	0.432	0.128	0.115	0.334	MAX
MIN	0.040	0.009	0	0.057	0.867	0.198	0.105	0.010	0.020	0.001	0.037	0.056	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.319
MAXIMUM DAILY, 2.07 ON MAY 1
MINIMUM DAILY, 0 ON MAR 8
MAXIMUM INSTANTANEOUS,
2.28 AT 16:20 PST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 26 N
LONG 119 19 57 W
DRAINAGE AREA, 89.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	140	JUL 1	330
FEB	36.3	AUG	480
MAR	38.2	SEP	410
APR 1	240	OCT	144
MAY 3	190	NOV	183
JUN 2	280	DEC	584

TOTAL DISCHARGE, 10 100 dam³

HYLAND RIVER NEAR LOWER POST - STATION NO. 10AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.2B	25.2B	23.7B	21.6B	30.0B	768	276	136	104	103	58.5B	39.6B	1
2	29.7B	25.2B	23.4B	21.3B	32.2B	712	259	138	103	104	58.0B	38.2B	2
3	29.9B	25.3B	23.1B	21.0B	35.5B	611	265	131	99.0	104	57.5B	37.4B	3
4	29.4B	25.5B	23.0B	20.8B	40.0B	535	293	124	96.4	100	57.0B	36.0B	4
5	29.1B	25.8B	23.0B	20.3B	44.0B	483	295	119	93.0	95.9	55.0B	35.0B	5
6	29.3B	26.0B	23.0B	20.0B	51.0B	451	270	114	93.0E	94.0E	53.0B	34.5B	6
7	29.5B	26.1B	23.1B	19.9B	60.0B	441	249	121	92.9E	90.0E	52.5B	34.0B	7
8	29.0B	26.1B	23.1B	19.8B	72.0B	416	236	136	92.8A	86.0E	52.0B	33.4B	8
9	28.2B	26.0B	23.2B	19.6B	84.0B	420	228	130	96.6	85.0E	52.0B	33.2B	9
10	27.8B	25.7B	23.5B	19.5B	118 B	425	222	118	123	84.0E	51.0B	33.1B	10
11	27.5B	25.5B	23.6B	19.4B	155 B	403	214	112	163	81.0E	50.5B	33.0B	11
12	27.3B	25.3B	23.6B	19.3B	205 B	389	212	110	195	79.0E	50.3B	32.9B	12
13	27.5B	25.2B	23.7B	19.2B	222 B	387	230	106	216	76.5E	50.0B	32.5B	13
14	27.8B	25.3B	23.6B	19.1B	238 B	385	255	104	212	75.0E	49.5B	32.8B	14
15	28.0B	25.6B	23.4B	19.2B	240 B	402	245	102	188	73.5E	49.0B	33.0B	15
16	27.9B	25.9B	23.0B	19.4B	242 B	416	218	98.5	172	73.0E	48.7B	33.1B	16
17	27.5B	26.0B	22.8B	19.6B	246	404	207	96.9	164	72.5B	48.5B	33.0B	17
18	27.1B	26.0B	22.6B	19.8B	269	377	212	95.0	162	72.0B	48.0B	32.4B	18
19	27.0B	26.1B	22.3B	20.0B	296	337	215	93.9A	157	71.0B	47.5B	32.0B	19
20	26.9B	26.1B	22.1B	20.3B	341	319	214	92.5A	149	72.0B	47.0B	31.9B	20
21	27.0B	26.0B	22.0B	20.6B	390	325	209	95.5E	144	71.0B	46.5B	31.0B	21
22	27.1B	25.9B	21.8B	21.0B	433	327	194	101 E	137	70.0B	45.5B	30.5B	22
23	27.5B	25.7B	21.7B	21.6B	490	320	182	98.0E	130	69.0B	45.0B	30.1B	23
24	27.6B	25.3B	21.6B	22.2B	551	339	175	93.0E	122	65.5B	45.0B	30.0B	24
25	27.5B	25.0B	21.7B	23.0B	549	345	168	86.0E	116	63.5B	44.8B	29.5B	25
26	27.1B	24.8B	21.8B	24.1B	593	308	164	87.0E	112	62.0B	44.4B	28.6B	26
27	26.8B	24.3B	22.0B	25.2B	710	286	160	89.0E	108	60.5B	44.0B	27.5B	27
28	26.1B	24.0B	22.0B	26.2B	782	279	158	91.0E	106	60.0B	43.0B	26.6B	28
29	25.9B		22.1B	27.3B	769	290	155	93.6A	104	59.5B	42.0B	25.9B	29
30	25.5B		22.0B	28.8B	756	294	148	95.8	103	59.3B	40.7B	25.2B	30
31	25.3B		21.9B		768		139	98.6		59.0B		24.8B	31
TOTAL	859.0	714.9	703.4	639.1	9 811.7	12 194	6 667	3 306.3	3 953.7	2 390.7	1 476.4	990.7	TOTAL
MEAN	27.7	25.5	22.7	21.3	317	406	215	107	132	77.1	49.2	32.0	MEAN
MAX	29.9	26.1	23.7	28.8	782	768	295	138	216	104	58.5	39.6	MAX
MIN	25.3	24.0	21.6	19.1	30.0	279	139	86.0	92.8	59.0	40.7	24.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 782 ON MAY 28
MINIMUM DAILY, 19.1B ON APR 14
MAXIMUM INSTANTANEOUS,
785 AT 16:22 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 57 03 N
LONG 128 09 03 W
DRAINAGE AREA, 9 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	74 200	JUL	576 000
FEB	61 800	AUG	286 000
MAR	60 800	SEP	342 000
APR	55 200	OCT	207 000
MAY	848 000	NOV	128 000
JUN 1	050 000	DEC	85 600

TOTAL DISCHARGE, 3 770 000 dam³

ILLECILLEWAET RIVER AT GREELEY - STATION NO. 08ND013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.4	12.4	12.1	18.0	115	141	148	108	89.9	26.5	43.5	16.6	1
2	19.8B	12.1	12.2	17.7	107	152	150	100	81.2	47.0	41.5	16.7	2
3	19.4	10.0 B	12.3	17.4	79.9	189	137	104	54.8	32.1	35.4	15.9	3
4	18.8B	9.90B	12.1	16.5	68.1	181	104	99.2	57.0	27.5	31.5	15.6	4
5	18.5B	9.90B	12.0	16.3	65.5	156	104	97.1	53.2	24.8	28.4	15.8	5
6	18.1	9.70B	11.6	16.0	57.7	174	117	104	46.8	24.7	26.7	15.9	6
7	17.4	9.60B	11.7	15.4	55.0	154	139	114	48.9	29.4	25.3	15.3	7
8	16.0	9.40B	12.2	15.0	55.5	130	173	121	57.5	30.4	23.9	15.1	8
9	15.6	9.00B	11.3	15.2	60.5	115	198	117	62.5	28.2	22.8	15.0	9
10	15.1	9.00B	11.6	14.9	63.2	108	199	115	58.5	25.9	21.6	14.0	10
11	14.9B	8.80B	12.0	14.7	67.8	104	179	118	49.9	23.6	21.5	13.3B	11
12	14.8B	8.40B	12.5	14.4	74.6	98.5	180	123	49.9	22.4	29.0	13.7B	12
13	14.5B	7.80B	12.7	13.8	81.8	95.0	165	119	41.5	21.5	26.4	13.6B	13
14	14.2B	8.20B	13.5	13.6	91.0	95.0	125	109	36.9	20.8	23.6	13.4B	14
15	13.8B	9.00B	13.6	14.2	103	112	151	110	38.2	20.6	23.7	13.1B	15
16	13.5B	9.50B	14.0	17.0	104	132	147	108	48.0	20.6	23.0	12.9B	16
17	13.2B	9.60B	14.3	17.4	111	115	140	117	52.9	20.3	21.3	12.7B	17
18	12.9B	10.1 B	14.2	19.2	121	97.4	131	101	54.5	19.5	21.2	12.6B	18
19	12.6B	10.4 B	14.3	23.1	145	89.5	131	98.1	71.4	19.3	20.3	12.6B	19
20	12.5B	10.7 B	14.6	27.3	168	93.1	141	105	47.1	18.3	20.1	12.1B	20
21	14.1	10.8 B	14.7	27.2	195	93.3	147	91.9	35.1	17.4	20.0	12.0B	21
22	13.8	12.9	15.3	28.4	203	88.5	145	79.8	31.3	17.1	20.2	11.8B	22
23	14.8	12.8	15.3	40.1	191	90.5	140	79.0	28.3	16.8	19.5	11.6B	23
24	15.0	12.6	15.4	85.4	190	88.6	138	81.7	25.9	16.7	18.8	11.4B	24
25	14.1	12.4	15.3	65.9	213	96.3	126	94.0	23.3	17.1	18.1	11.6B	25
26	13.7	12.3	15.1	49.8	234	122	124	90.7	21.6	23.2	18.0	11.5B	26
27	13.5	12.2	15.8	42.8	187	126	137	80.8	20.7	28.8	16.8	11.1B	27
28	13.3	12.1	16.2	43.7	153	107	145	64.0	23.5	32.0	16.0	11.0B	28
29	13.2		16.7	55.1	143	107	150	63.9	24.3	31.8	16.4	10.8B	29
30	13.2		17.1	61.1	130	135	129	60.9	21.8	27.6	16.4	10.5B	30
31	12.9		17.5		109		118	53.4		26.8		10.4B	31
TOTAL	467.6	291.60	429.2	836.6	3 742.6	3 585.7	4 458	3 027.5	1 356.4	758.7	710.9	409.6	TOTAL
MEAN	15.1	10.4	13.8	27.9	121	120	144	97.7	45.2	24.5	23.7	13.2	MEAN
MAX	20.4	12.9	17.5	85.4	234	189	199	123	89.9	47.0	43.5	16.7	MAX
MIN	12.5	7.80	11.3	13.6	55.0	88.5	104	53.4	20.7	16.7	16.0	10.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.0
MAXIMUM DAILY, 234 ON MAY 26
MINIMUM DAILY, 7.80B ON FEB 13
MAXIMUM INSTANTANEOUS,
265 AT 01:43 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 49 N
LONG 118 04 57 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 400	JUL	385 000
FEB	25 200	AUG	262 000
MAR	37 100	SEP	117 000
APR	72 300	OCT	65 600
MAY	323 000	NOV	61 400
JUN	310 000	DEC	35 400

TOTAL DISCHARGE, 1 730 000 dam³

INCOMAPPLEUX RIVER NEAR BEATON - STATION NO. 08NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.8	13.5	13.7	21.2	99.0	138	142	119	99.1	34.3	46.5	17.9	1
2	21.5	12.5	13.7	20.9	96.8	139	131	112	84.4	62.0	41.8	17.8	2
3	20.2	12.3B	13.5	20.3	77.3	164	140	117	58.0	37.7	37.5	17.2	3
4	19.5	12.0	13.4	19.4	69.1	155	178	109	67.7	31.9	34.1	16.9	4
5	19.3	11.8	13.6	19.5	70.2	137	212	108	62.3	29.1	30.8	17.0	5
6	18.9	11.7B	13.0	19.0	61.4	157	217	118	52.4	30.0	29.1	16.7	6
7	18.0	11.6B	12.8	18.2	59.2	138	190	132	58.0	39.3	27.6	16.3	7
8	17.8	11.6B	12.8	18.0	57.8	117	141	141	69.1	39.5	26.2	15.9	8
9	17.4	11.6B	12.7	18.1	60.6	103	115	137	76.5	35.3	25.1	15.7	9
10	16.9	11.7B	13.0	18.0	62.9	98.0	114	134	69.4	32.1	24.1	15.5	10
11	16.1	11.8B	13.4	17.5	69.1	93.7	133	138	59.7	29.1	24.0	15.9	11
12	16.1	11.9B	13.9	17.0	78.2	88.3	126	142	62.3	27.6	28.8	15.1	12
13	15.8	12.0B	14.1	16.5	86.4	84.7	140	140	52.4	26.4	25.9	14.3B	13
14	15.3	12.1B	15.0	16.1	92.9	86.1	176	135	46.7	25.7	24.4	13.9B	14
15	14.3	12.5B	15.2	17.1	104	106	131	130	50.7	25.7	25.0	14.2B	15
16	14.2	13.0B	15.6	21.4	101	126	139	130	64.3	25.4	24.4	13.2B	16
17	14.2B	17.0	15.9	21.8	99.7	103	153	127	70.2	24.4	23.1	12.5	17
18	14.2B	18.2	16.1	24.3	110	87.2	166	116	72.2	23.4	22.6	12.5B	18
19	14.2B	17.7	16.3	28.3	134	81.0	160	117	99.0	23.2	21.9	12.5B	19
20	14.3B	16.8	16.3	33.7	160	83.5	150	118	62.0	21.8	21.6	12.3B	20
21	14.4	16.1	16.5	32.8	188	85.2	153	105	50.7	20.7	21.9	11.9B	21
22	14.7	15.3	17.3	34.0	191	81.8	147	93.7	44.5	20.0	22.6	11.5B	22
23	16.1	14.8	17.2	45.6	177	84.4	141	93.4	38.5	19.6	21.7	11.3B	23
24	16.5	14.8	17.5	73.1	184	81.0	141	97.1	33.7	19.4	21.0	11.3B	24
25	15.4	14.8	17.6	61.4	209	89.5	130	112	29.4	19.7	19.9	11.3B	25
26	14.9	14.6	17.1	50.4	232	114	130	109	26.9	26.8	19.5	11.2B	26
27	14.6	14.2	17.5	46.2	179	116	144	99.4	25.7	34.0	18.3	11.0B	27
28	14.6	13.8	18.0	49.6	151	98.8	158	80.1	29.4	36.2	17.8	10.8B	28
29	14.5		18.8	59.2	145	101	171	79.9	30.6	38.0	18.0	10.5B	29
30	14.0		19.5	61.7	157	120	157	74.8	27.2	31.3	17.8	10.3B	30
31	13.8		20.5		173		129	63.7		32.1		10.1B	31
TOTAL	504.5	381.7	481.5	920.3	3 735.6	3 257.2	4 655	3 528.1	1 673.0	921.7	763.0	424.5	TOTAL
MEAN	16.3	13.6	15.5	30.7	121	109	150	114	55.8	29.7	25.4	13.7	MEAN
MAX	22.8	18.2	20.5	73.1	232	168	217	142	99.1	62.0	46.5	17.9	MAX
MIN	13.8	11.6	12.7	16.1	57.8	81.0	114	63.7	25.7	19.4	17.8	10.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.2
MAXIMUM DAILY, 232 ON MAY 26
MINIMUM DAILY, 10.1B ON DEC 31
MAXIMUM INSTANTANEOUS,
273 AT 03:10 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 25 N
LONG 117 40 36 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 600	JUL	402 000
FEB	33 000	AUG	305 000
MAR	41 600	SEP	145 000
APR	79 500	OCT	79 600
MAY	323 000	NOV	65 900
JUN	281 000	DEC	36 700

TOTAL DISCHARGE, 1 840 000 dam³

INGENIKA RIVER ABOVE SWANNELL RIVER - STATION NO. 07EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.5B	16.5B	13.7B	13.1 B	15.4	432	178	74.4	58.7	40.2	28.0B	16.2B	1
2	16.3B	16.4B	13.6B	13.2 B	17.0	380	188	72.0	55.8	46.0	28.0B	16.5B	2
3	16.2B	16.3B	13.6B	13.1 B	17.7	335	210	68.2	50.6	40.4	28.0B	16.7B	3
4	16.1B	16.2B	13.5B	12.9 B	18.7	314	187	65.0	46.4	37.5	28.2B	16.8B	4
5	16.0B	16.1B	13.5B	12.7 B	20.1	277	159	62.2	43.1	34.8	28.3B	16.9B	5
6	16.0B	16.0B	13.4B	12.3 B	23.1	264	144	59.5	41.4	33.4	27.0B	16.8B	6
7	15.9B	15.8B	13.3B	11.9 B	27.0	248	132	56.6	45.5	35.4	23.5B	16.7B	7
8	15.8B	15.3B	13.3B	11.3 B	34.8	221	123	53.2	44.0	34.9	22.5B	16.4B	8
9	15.8B	14.8B	13.2B	10.8 B	45.7	202	116	50.9	41.5	33.9	23.5B	16.2B	9
10	15.7B	14.5B	13.1B	9.20B	50.9	194	114	48.8	43.1	32.9	25.5B	15.9B	10
11	15.7B	14.3B	13.0B	6.80B	52.4	196	129	46.0	45.9	32.0	27.3B	15.7B	11
12	15.6B	14.3B	12.9B	6.60B	56.2	213	151	43.3	43.2	31.1	27.9B	15.6B	12
13	15.5B	14.3B	12.9B	6.70B	64.5	225	164	41.4	40.5	31.1	26.8B	15.4B	13
14	15.6B	14.3B	12.8B	7.10B	70.8	235	185	39.3	38.4	35.5	25.5B	15.3B	14
15	15.7B	14.4B	12.8B	8.30B	77.5	238	166	37.7	37.5	41.2	24.2B	15.2B	15
16	15.8B	14.5B	12.8B	8.80B	87.5	228	155	36.5	37.2	47.1	22.5B	15.2B	16
17	16.0B	14.6B	12.7B	9.10B	103	225	153	35.4	36.1	47.8	21.9B	15.2B	17
18	16.1B	14.6B	12.7B	9.40B	121	203	147	34.0	36.5	43.8	21.9B	15.2B	18
19	16.4B	14.6B	12.6B	9.90B	151	197	142	33.0	36.6	42.0	21.5B	15.2B	19
20	16.7B	14.5B	12.6B	10.3 B	176	205	146	32.2	38.9	39.0	21.2B	15.2B	20
21	16.9B	14.5B	12.6B	10.4 B	199	203	134	31.6	37.9	35.7	20.2B	15.2B	21
22	17.5B	14.3B	12.5B	9.60B	247	202	121	31.1	36.4	34.6	19.5B	15.2B	22
23	17.8B	14.1B	12.5B	9.45B	294	214	114	30.8	36.4	34.6	16.9B	15.2B	23
24	17.8B	14.0B	12.5B	11.3	298	218	106	34.4	36.3	33.9	16.2B	15.2B	24
25	17.7B	13.9B	12.4B	11.3	331	212	105	41.2	35.3	36.3	15.9B	15.1B	25
26	17.5B	13.8B	12.4B	10.7	446	198	104	43.5	35.9	37.5	15.8B	15.0B	26
27	17.3B	13.8B	12.5B	10.4	608	181	96.4	45.9	35.0	36.1	15.9B	14.9B	27
28	17.1B	13.7B	12.6B	11.2	493	182	90.3	60.9	34.1	35.6	15.9B	14.8B	28
29	16.9B		12.8B	12.8	366	177	87.6	91.6	34.2	33.6	15.9B	14.7B	29
30	16.8B		12.9B	13.7	380	189	83.4	72.6	34.3	32.2	16.0B	14.6B	30
31	16.6B		13.1B		431		76.7	63.0		31.4		14.4B	31
TOTAL	509.3	414.4	400.8	314.35	5 323.3	7 004	4 207.4	1 536.2	1 216.7	1 141.5	671.4	482.6	TOTAL
MEAN	16.4	14.8	12.9	10.5	172	233	136	49.6	40.6	36.8	22.4	15.6	MEAN
MAX	17.8	16.5	13.7	13.7	608	432	210	91.6	58.7	47.8	28.3	16.9	MAX
MIN	15.5	13.7	12.4	6.60	15.4	177	76.7	30.8	34.1	31.1	15.8	14.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.6
MAXIMUM DAILY, 608 ON MAY 27
MINIMUM DAILY, 6.60B ON APR 12
MAXIMUM INSTANTANEOUS,
653 AT 22:00 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 43 37 N
LONG 125 06 38 W
DRAINAGE AREA, 4 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 000	JUL	364 000
FEB	35 800	AUG	133 000
MAR	34 600	SEP	105 000
APR	27 200	OCT	98 600
MAY	460 000	NOV	58 000
JUN	605 000	DEC	41 700

TOTAL DISCHARGE, 2 010 000 dam³

INONOAKLIN CREEK ABOVE VALLEY CREEK - STATION NO. 09NE110

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.988	0.660	0.932	2.04	13.2	17.5	11.5	8.61	2.00	1.42	3.62	1.82	1
2	0.906B	0.626	0.926	1.96	14.2	17.0	10.6	7.59	2.30	1.71	3.71	1.84	2
3	0.878B	0.620B	0.932	1.88	12.4	16.5	9.09	8.07	1.86	1.54	3.58	1.74	3
4	0.864	0.614	0.983	1.75	11.5	16.4	8.64	7.96	1.74	1.48	3.17	1.77	4
5	0.864B	0.561	0.974	1.73	10.9	15.4	8.10	6.80	1.74	1.46	2.89	1.74	5
6	0.906	0.527B	0.920	1.72	10.2	17.8	8.44	6.03	1.57	1.66	2.76	1.74	6
7	0.883	0.481B	0.940	1.65	9.66	15.7	10.8	5.27	1.50	2.85	2.64	1.71	7
8	0.883	0.479B	0.946	1.63	9.37	15.6	10.6	4.73	1.43	2.75	2.56	1.64	8
9	0.864	0.464B	0.920	1.59	9.94	15.5	9.34	4.30	1.38	2.76	2.48	1.64	9
10	0.867	0.464	0.934	1.54	11.4	15.6	9.17	3.85	1.29	2.56	2.38	1.65	10
11	0.858	0.464B	0.968	1.53	11.9	15.5	10.1	3.54	1.25	2.32	2.34	1.59	11
12	0.841	0.473B	1.00	1.50	12.9	15.2	8.44	3.17	1.19	2.19	2.63	1.39	12
13	0.787B	0.496B	1.03	1.45	14.2	15.3	10.2	3.20	1.15	2.07	2.58	1.26	13
14	0.736B	0.566B	1.07	1.42	15.1	15.5	15.2	2.81	1.10	2.03	2.57	1.50	14
15	0.694B	0.595B	1.13	1.49	18.8	15.5	15.4	2.64	1.06	1.97	2.58	1.55	15
16	0.677B	0.708B	1.31	1.60	20.1	15.5	14.0	2.42	1.04	1.95	2.54	1.49	16
17	0.660	0.872	1.36	1.71	20.2	14.6	12.3	2.63	0.980	1.96	2.44	1.48	17
18	0.651B	0.881	1.32	1.92	21.1	14.1	11.0	2.51	0.960	1.87	2.36	1.44	18
19	0.646B	0.963	1.32	2.22	23.1	15.8	10.4	2.32	1.27	1.88	2.38	1.43	19
20	0.637B	0.994	1.31	2.52	27.4	15.4	10.8	2.76	1.41	1.81	2.31	1.41	20
21	0.665B	0.946	1.30	2.83	34.8	14.4	10.7	2.50	1.29	1.69	2.38	1.30	21
22	0.680B	0.929	1.30	3.20	35.1	13.5	9.29	2.20	1.38	1.69	2.39	1.26	22
23	0.779B	0.915	1.31	3.96	30.6	13.6	8.41	1.98	1.34	1.70	2.34	1.25	23
24	1.01	0.920	1.33	5.95	29.2	12.7	8.58	1.85	1.28	1.74	2.26	1.37	24
25	0.949	0.977	1.35	6.65	34.8	12.2	8.38	1.72	1.24	1.78	2.13	1.35	25
26	0.903	0.980	1.35	5.97	29.4	12.2	7.25	1.60	1.18	1.87	2.11	1.29	26
27	0.892	0.960	1.42	5.69	22.7	11.3	6.82	1.53	1.15	2.10	1.84	1.28	27
28	0.875	0.943	1.49	5.47	20.4	10.6	6.31	1.47	1.23	4.25	1.86	1.26	28
29	0.869		1.73	5.55	19.0	10.3	6.63	1.49	1.50	4.22	1.92	1.21	29
30	0.804B		1.93	8.92	22.3	9.85	9.66	1.93	1.50	3.38	1.86	1.20	30
31	0.759B		1.95		23.6		8.52	1.63		3.19		0.967	31
TOTAL	25.275	20.078	37.685	89.84	599.47	436.05	304.67	111.11	41.310	67.85	75.61	45.567	TOTAL
MEAN	0.815	0.717	1.22	2.97	19.3	14.5	9.83	3.58	1.38	2.19	2.52	1.47	MEAN
MAX	1.01	0.994	1.95	8.92	35.1	17.8	15.4	8.61	2.30	4.25	3.71	1.84	MAX
MIN	0.637	0.464	0.920	1.42	9.37	9.85	6.31	1.47	0.960	1.42	1.84	0.967	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.08
MAXIMUM DAILY, 35.1 ON MAY 22
MINIMUM DAILY, 0.464B ON FEB 9
MAXIMUM INSTANTANEOUS,
49.4 AT 20:46 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 52 N
LONG 118 11 24 W
DRAINAGE AREA, 198 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 180	JUL	26 300
FEB	1 730	AUG	9 600
MAR	3 260	SEP	3 570
APR	7 690	OCT	5 860
MAY	51 800	NOV	6 530
JUN	37 700	DEC	3 940

TOTAL DISCHARGE, 160 000 dam³

ISKUT RIVER ABOVE FORREST KERR CREEK - STATION NO. 08CG007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	3.586	3.745	2.052	---	---	---	1
2	---	---	---	---	---	---	3.901	3.429	1.840	---	---	---	2
3	---	---	---	---	---	---	5.158	4.110	1.702	---	---	---	3
4	---	---	---	---	---	---	4.276	4.493	1.655	---	---	---	4
5	---	---	---	---	---	---	3.381	4.481	1.879	---	---	---	5
6	---	---	---	---	---	---	2.868	4.500	3.185	---	---	---	6
7	---	---	---	---	---	---	2.566	4.489	4.583	---	---	---	7
8	---	---	---	---	---	---	2.409	4.417	4.691	---	---	---	8
9	---	---	---	---	---	---	2.472	4.182	4.776	---	---	---	9
10	---	---	---	---	---	---	2.720	4.279A	4.911	---	---	---	10
11	---	---	---	---	---	---	3.632	---	4.974	---	---	---	11
12	---	---	---	---	---	---	4.966	---	4.712	---	---	---	12
13	---	---	---	---	---	---	4.580	---	3.097	---	---	---	13
14	---	---	---	---	---	---	5.509	---	2.882	---	---	---	14
15	---	---	---	---	---	---	5.555	2.838A	4.408	---	---	---	15
16	---	---	---	---	---	---	5.449	2.648	4.360	---	---	---	16
17	---	---	---	---	---	---	5.425	2.287	4.410	---	---	---	17
18	---	---	---	---	---	---	5.309	2.195	4.470	---	1.276A	---	18
19	---	---	---	---	---	---	5.208	2.265	3.947	---	1.258	---	19
20	---	---	---	---	---	---	5.103	2.601	3.013	---	1.295	---	20
21	---	---	---	---	---	---	5.098	3.514	2.365	---	1.309	---	21
22	---	---	---	---	---	---	5.020	3.181	2.098A	---	1.322	---	22
23	---	---	---	---	---	---	4.749	2.304	1.995A	---	1.321	---	23
24	---	---	---	---	---	---	4.793	2.397	---	---	1.294	---	24
25	---	---	---	---	---	---	4.810	3.326	---	---	1.267	---	25
26	---	---	---	---	---	---	4.811	4.051	---	---	1.193	---	26
27	---	---	---	---	---	---	4.848	3.036	---	---	1.191	---	27
28	---	---	---	---	---	---	4.829	3.089	---	---	1.242	---	28
29	---		---	---	---	---	4.849	2.392	---	---	---	---	29
30	---		---	---	---	3.535A	4.811	2.272	---	---	---	---	30
31	---		---		---		4.570	2.236		---		---	31
MEAN	---	---	---	---	---	---	4.428	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	5.555	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	2.409	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.555 ON JUL 15

MAXIMUM INSTANTANEOUS,
5.729 AT 14:12 PST ON JUL 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 44 30 N
LONG 130 36 50 W

A - MANUAL GAUGE

NATURAL FLOW

ISKUT RIVER ABOVE SNIPPAKER CREEK - STATION NO. 08CG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108	65.6B	43.5B	61.7	119	837	655	744	377	430	160	98.1	1
2	97.2	64.5B	42.8B	61.1	128	729	703	675	332	298	151	94.3	2
3	89.3	63.2B	42.0B	60.7	135	743	920	766	298	259	145	84.1	3
4	84.7	62.0B	41.5B	59.2	153	768	775	848	283	238	147	76.4	4
5	75.9	61.0B	40.6	58.6	180	667	616	1 150	304	221	561	81.6	5
6	74.5	60.0B	42.7	56.6	212	592	541	1 160	626	209	583	78.8	6
7	72.2	59.0B	43.8	54.5	267	564	486	981	1 240	206	295	73.0	7
8	69.5	58.0B	42.7	54.4	322	519	448	911	1 310	208	239	64.2	8
9	66.8	57.0B	42.4	53.2	384	485	461	859	2 080	199	222	55.1	9
10	65.8B	56.0B	45.3	49.2	377	507	510	879	1 680	185	220	44.5	10
11	65.0B	55.4B	46.8	43.0	332	556	666	761	1 890	173	312	43.8B	11
12	64.2B	54.7B	44.0	41.8	307	681	908	660	1 040	164	374	43.2B	12
13	63.5B	54.0B	43.1	44.9	318	795	966	563	730	170	278	42.4B	13
14	62.8B	53.2B	45.0	46.3	353	808	1 020	563	682	230	234	41.4B	14
15	62.0B	52.5B	47.4	46.5	388	804	1 130	578	1 750	418	203	40.2B	15
16	61.8B	58.0B	49.9	47.7	460	726	1 130	541	1 520	350	185	39.6B	16
17	61.7B	60.5B	50.5	48.1	486	646	1 210	468	1 090	256	170	39.0B	17
18	61.6B	57.0B	45.8	48.1	521	623	1 380	438	1 090	412	155	38.4B	18
19	61.5B	55.7B	43.4	48.7	587	667	1 510	445	831	301	151	37.8B	19
20	95.0B	54.0B	44.4	57.1	616	693	1 380	518	617	242	147	37.2B	20
21	125 B	52.5B	44.8	65.0	637	645	1 150	692	502	216	142	36.6B	21
22	132 B	51.8B	44.8	66.8	617	676	1 050	659	426	202	136	36.0E	22
23	115 B	50.5B	44.3	67.6	611	710	1 100	472	376	193	129	35.5E	23
24	99.0B	49.0B	44.7	71.2	658	744	1 130	484	329	238	124	35.0E	24
25	93.0B	47.8B	45.4	76.9	842	768	1 220	682	299	261	119	34.5E	25
26	85.0B	47.0B	47.1	78.8	972	706	1 260	814	277	227	108	34.2E	26
27	76.0B	46.0B	50.3	80.4	909	691	1 140	637	256	205	103	33.9E	27
28	73.0B	45.0B	60.9	80.9	787	658	1 040	606	253	191	110	33.6E	28
29	70.0B		70.5	88.7	796	685	1 060	457	245	180	106	33.4E	29
30	68.0B		68.6	102	893	668	1 010	435	318	171	100	33.2E	30
31	66.5B		64.5		942		903	433		167		33.0B	31
TOTAL	2 465.5	1 550.9	1 473.5	1 819.7	15 309	20 361	29 478	20 879	23 051	7 420	6 109	1 532.0	TOTAL
MEAN	79.5	55.4	47.5	60.7	494	679	951	674	768	239	204	49.4	MEAN
MAX	132	65.6	70.5	102	972	837	1 510	1 160	2 080	430	583	98.1	MAX
MIN	61.5	45.0	40.6	41.8	119	485	448	433	245	164	100	33.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 360
MAXIMUM DAILY, 2 080 ON SEP 9
MINIMUM DAILY, 33.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
2 280 AT 11:24 PST ON SEP 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 41 55 N
LONG 130 52 23 W
DRAINAGE AREA, 7 230 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	213 000	JUL	2 550 000
FEB	134 000	AUG	1 800 000
MAR	127 000	SEP	1 990 000
APR	157 000	OCT	641 000
MAY	1 320 000	NOV	528 000
JUN	1 760 000	DEC	132 000

TOTAL DISCHARGE, 11 400 000 dam³

ISKUT RIVER AT OUTLET OF KINASKAN LAKE - STATION NO. 08CG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.98B	7.40B	5.45B	3.90B	4.91	68.0E	56.5	55.5	25.4	25.5	16.0	11.0	1
2	10.1 B	7.35B	5.40B	3.90B	5.04	61.0E	55.5	52.8	24.7	24.9	15.7	10.7	2
3	10.1 B	7.30B	5.26B	3.92B	5.14	57.5E	55.2	50.5	23.9	24.2	15.2	10.4	3
4	10.0 B	7.04B	5.16B	3.94B	5.39	58.5E	54.8	48.8	23.3	23.3	14.8	9.80B	4
5	9.75B	6.90B	5.09B	3.98B	5.68	59.5E	53.5	47.6	22.7	22.6	15.7	9.00B	5
6	9.78B	6.87B	5.07B	4.05B	6.09	58.0E	52.0	46.7	23.0	21.7	16.2	8.55B	6
7	9.80B	6.83B	5.06B	4.20B	6.76	57.0E	50.2	45.7	24.4	21.1	16.3	7.90B	7
8	9.80B	6.76B	5.05B	4.25B	7.56	56.5E	48.1	44.1	26.2	20.4	16.2	7.40B	8
9	9.50B	6.60B	5.05B	4.28B	8.63	55.5E	45.8	42.8	29.0	19.6	16.0	7.15B	9
10	9.40B	6.48B	5.06B	4.30B	9.90	54.1A	43.7	41.6	31.3	19.2	15.8	7.00B	10
11	9.48B	6.45B	5.02B	4.40B	11.2	52.8	43.6	40.2	32.9	18.5	15.8	6.90B	11
12	9.57B	6.43B	4.95B	4.50B	12.3	52.5	44.4	38.6	34.0	17.8	16.0	6.85B	12
13	9.47B	6.42B	4.90B	4.55B	13.6	52.7	46.2	37.0	34.2	17.4	16.2	6.80B	13
14	9.35B	6.41B	4.89B	4.61	14.3 A	54.7	48.7	35.0	34.5	17.1	15.9	6.75B	14
15	9.23B	6.40B	4.81B	4.65	15.4 E	55.4	51.1	33.9	34.7	17.0	15.6	6.70B	15
16	9.16B	6.40B	4.70B	4.68	16.8 E	56.4	53.5	32.5	35.0	17.1	15.3	6.65B	16
17	9.08B	6.38B	4.65B	4.69	19.0 E	58.0	55.9	31.4	35.3	17.2	14.8	6.60B	17
18	9.06B	6.30B	4.62B	4.71	20.8 E	58.6	58.3	30.0	35.6	17.1	14.2	6.55B	18
19	9.06B	6.15B	4.45B	4.72	22.5 A	59.1	61.0	28.5	35.5	17.1	13.7	6.45B	19
20	9.06B	6.00B	4.38B	4.69	24.1	59.8	62.3	27.3	35.2	16.9	13.4	6.35B	20
21	8.90B	5.97B	4.30B	4.68	26.2	60.4	62.8	27.0	34.6	16.6	13.2	5.95B	21
22	8.70B	5.92B	4.25B	4.65	28.3	61.4	61.8	26.7	33.5	16.4	13.1	5.10B	22
23	8.50B	5.80B	4.22B	4.63	30.6	61.6	61.5	26.2	32.5	16.2	12.9	4.85B	23
24	8.26B	5.66B	4.23B	4.65	32.8	62.0	60.5	25.6	31.4	16.5	12.5	4.75B	24
25	8.00B	5.53B	4.21B	4.65	36.6	62.7	60.4	24.9	30.3	16.7	12.1	4.70B	25
26	7.78B	5.45B	4.20B	4.69	41.4 A	62.9	60.9	25.1	29.1	16.8	11.6	4.55B	26
27	7.63B	5.44B	4.15B	4.65	48.0 E	61.7	61.1	25.3	28.1	16.8	11.4	4.00B	27
28	7.47B	5.45B	4.09B	4.70	52.0 E	60.4	60.3	26.3	27.4	16.7	11.4	3.50B	28
29	7.45B		4.04B	4.74	59.0 E	59.2	59.4	26.6	26.5	16.5	11.4	3.35B	29
30	7.42B		4.00B	4.82	66.0 E	57.6	58.4	26.0	25.9	16.3	11.2	3.25B	30
31	7.40B		3.96B		69.8 E		57.1	25.5		16.3		3.20B	31
TOTAL	278.24	178.09	144.67	133.78	725.80	1 755.5	1 704.5	1 095.7	900.1	577.5	429.6	202.70	TOTAL
MEAN	8.98	6.36	4.67	4.46	23.4	58.5	55.0	35.3	30.0	18.6	14.3	6.54	MEAN
MAX	10.1	7.40	5.45	4.82	69.8	68.0	62.8	55.5	35.6	25.5	16.3	11.0	MAX
MIN	7.40	5.44	3.96	3.90	4.91	52.5	43.6	24.9	22.7	16.2	11.2	3.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.3
MAXIMUM DAILY, 69.8E ON MAY 31
MINIMUM DAILY, 3.20B ON DEC 31
MAXIMUM INSTANTANEOUS,
69.9 ON MAY 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 32 00 N
LONG 130 12 28 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 000	JUL	147 000
FEB	15 400	AUG	94 700
MAR	12 500	SEP	77 800
APR	11 600	OCT	49 900
MAY	62 700	NOV	37 100
JUN	152 000	DEC	17 500

TOTAL DISCHARGE, 702 000 dam³

ISKUT RIVER BELOW JOHNSON RIVER - STATION NO. 08CG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	154B	152 E	86.2	132	195	1 050	868	1 060	678	816	303	171	1
2	151B	147 E	85.8	128	205	961	932	1 000	597	565	273	165	2
3	148B	142 E	84.2	124	216	968	1 160	1 120	518	448	246	154	3
4	145B	138 E	80.2	120	237	1 000	1 110	1 280	489	382	267	144	4
5	142B	135 E	76.6	120	271	926	910	1 650	578	340	1 090	142	5
6	140B	132 E	75.0	113	315	847	793	1 770	1 080	315	1 210	145	6
7	138B	130 E	74.6	109	393	825	712	1 480	1 880	313	637	138	7
8	136B	129 E	73.6	107	487	780	666	1 350	2 030	327	476	128	8
9	134B	128 E	78.2	104	564	730	670	1 280	3 240	311	472	132	9
10	133B	127 E	88.6	96.9	576	746	719	1 280	2 980	282	512	127	10
11	131B	125 E	88.9	89.0	523	799	854	1 180	3 240	256	671	126	11
12	130B	123 E	83.7	85.5	490	892	1 070	1 030	1 690	236	758	126	12
13	128B	122 E	82.0	84.5	493	998	1 200	913	1 110	247	572	123 B	13
14	127B	121 E	86.4	86.2	545	1 030	1 240	909	977	356	443	121 B	14
15	125B	120 E	96.7	87.7	576	1 040	1 330	943	2 380	763	374	119 B	15
16	124B	150 E	105	91.3	668	980	1 320	915	2 550	783	333	117 B	16
17	122B	179	99.9	91.1	713	907	1 370	798	1 600	545	294	115 B	17
18	121B	150	93.7	90.6	730	859	1 530	737	1 620	878	260	112 B	18
19	120B	139	91.4	103	794	887	1 680	775	1 350	686	248	110 B	19
20	160B	126	89.4	118	841	926	1 580	892	967	495	241	108 B	20
21	240B	130	87.8	130	853	887	1 340	1 200	790	410	231	106 B	21
22	371	154	86.7	131	834	896	1 230	1 230	684	371	218	104 B	22
23	348	124	85.7	128	838	924	1 270	896	622	349	203	102 B	23
24	289	106	85.7	133	849	955	1 370	853	547	440	193	101 B	24
25	240	99.0	91.4	141	1 030	981	1 440	1 190	489	564	182	100 B	25
26	224	95.4	95.9	142	1 100	944	1 540	1 370	435	476	170	99.0B	26
27	191E	94.8	109	140	1 110	913	1 460	1 160	392	384	156	98.0B	27
28	176E	89.4	152	138	988	895	1 350	1 060	376	342	187	97.0B	28
29	169E		168	145	976	908	1 360	865	364	317	194	96.0B	29
30	162E		152	169	1 050	891	1 300	774	483	304	174	95.0B	30
31	157E		139		1 120		1 210	773		320		94.0B	31
TOTAL	5 276	3 607.6	2 973.3	3 477.8	20 580	27 345	36 584	33 733	36 736	13 621	11 588	3 715.0	TOTAL
MEAN	170	129	95.9	116	664	912	1 180	1 090	1 220	439	386	120	MEAN
MAX	371	179	168	169	1 120	1 050	1 680	1 770	3 240	878	1 210	171	MAX
MIN	120	89.4	73.6	84.5	195	730	666	737	364	236	156	94.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 546
MAXIMUM DAILY, 3 240 ON SEP 9
MINIMUM DAILY, 73.6 ON MAR 8
MAXIMUM INSTANTANEOUS,
3 700 AT 20:14 PST ON SEP 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 44 20 N
LONG 131 40 25 W
DRAINAGE AREA, 9 350 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	456 000	JUL	3 160 000
FEB	312 000	AUG	2 910 000
MAR	257 000	SEP	3 170 000
APR	300 000	OCT	1 180 000
MAY	1 780 000	NOV	1 000 000
JUN	2 360 000	DEC	321 000

TOTAL DISCHARGE, 17 200 000 dam³

ISSITE LAKE NEAR PRINCETON - STATION NO. 08NL042

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.758E	0.814E	0.827	0.856	0.935	1.069	0.948	0.898	0.818	0.663	0.662	0.680	1
2	0.755E	0.807E	0.826	0.858	0.934	1.055	0.944	0.897	0.818A	0.664	0.664	0.682	2
3	0.740E	0.800E	0.826	0.860	0.927	1.044	0.939	0.895	0.697A	0.662	0.666	0.681	3
4	0.743E	0.792E	0.826	0.856	0.966	1.034	0.934	0.890	0.689	0.661	0.666	0.680	4
5	0.740E	0.777E	0.825	0.857	0.970	1.022	0.928	0.889	0.685	0.662	0.666	0.686	5
6	0.739E	0.767E	0.821	0.857	0.961	1.012	0.921	0.887	0.683	0.665	0.667	0.689	6
7	0.736E	0.757E	0.823	0.855	0.948	1.004	0.919	0.886	0.683	0.664	0.665	0.689	7
8	0.732E	0.746E	0.821	0.859	0.941	0.995	0.913	0.882	0.683	0.662	0.666	0.691	8
9	0.731E	0.729E	0.821	0.860	0.937	0.989	0.910	0.883	0.683	0.665	0.664	0.696	9
10	0.731E	0.701E	0.822	0.860	0.933	0.985	0.913	0.882	0.682	0.665	0.668	0.696	10
11	0.730E	0.696E	0.824	0.860	0.935	0.983	0.915	0.880	0.682	0.664	0.670	0.696	11
12	0.728E	0.700E	0.829	0.861	0.938	0.979	0.922	0.878	0.683	0.663	0.672	0.696	12
13	0.726E	0.704E	0.832	0.857	0.940	0.978	0.927	0.876	0.680	0.661	0.670	0.695	13
14	0.723E	0.708E	0.832	0.855	0.949	0.980	0.925	0.877	0.679	0.662	0.671	0.699	14
15	0.722E	0.715E	0.831	0.855	0.967	0.997	0.922	0.876	0.678	0.661	0.674	0.702	15
16	0.740E	0.731E	0.832	0.853	0.983	1.012	0.921	0.873	0.676	0.663	0.675	0.701A	16
17	0.767E	0.740E	0.833	0.851	1.000	1.020	0.918	0.869	0.675	0.663	0.676	0.700E	17
18	0.796E	0.755E	0.832	0.853	1.011	1.017	0.916	0.865	0.674	0.667	0.677	0.700E	18
19	0.810E	0.772E	0.832	0.854	1.029	1.015	0.912	0.858	0.680	0.668	0.676	0.709E	19
20	0.814E	0.787E	0.834	0.856	1.055	1.021	0.920	0.853	0.678	0.669	0.674	0.704E	20
21	0.817E	0.800E	0.836	0.863	1.085	1.020	0.933	0.844	0.676	0.670	0.674	0.701E	21
22	0.820E	0.811E	0.843	0.870	1.110	1.013	0.935	0.838	0.675	0.670	0.675	0.701E	22
23	0.824E	0.817E	0.850	0.878	1.105	1.006	0.928	0.834	0.673	0.671	0.676	0.699E	23
24	0.827E	0.834A	0.852	0.884	1.096	1.000	0.922	0.831	0.672	0.671	0.676	0.697E	24
25	0.827E	0.835	0.855	0.893	1.101	1.000	0.915	0.827	0.668	0.669	0.679	0.696E	25
26	0.823A	0.834	0.857	0.904	1.158	0.993	0.913	0.825	0.666	0.670	0.678	0.696E	26
27	0.824E	0.831	0.856	0.910	1.191	0.985	0.912	0.822	0.664	0.669	0.676	0.691E	27
28	0.823E	0.828	0.857	0.918	1.139	0.977	0.912	0.822	0.662	0.673	0.677	0.688E	28
29	0.823E		0.857	0.925	1.108	0.964	0.909	0.824	0.662	0.664	0.681	0.685E	29
30	0.823E		0.855	0.930	1.089	0.953	0.906	0.821	0.663	0.661	0.681	0.683E	30
31	0.823E		0.856		1.079		0.901	0.818		0.661		0.681E	31
MEAN	0.775	0.771	0.836	0.870	1.017	1.004	0.921	0.861	0.686	0.665	0.672	0.693	MEAN
MAX	0.827	0.835	0.857	0.930	1.191	1.069	0.948	0.898	0.818	0.673	0.681	0.709	MAX
MIN	0.722	0.696	0.821	0.851	0.927	0.953	0.901	0.818	0.662	0.661	0.662	0.680	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 0.815
MAXIMUM DAILY, 1.191 ON MAY 27
MINIMUM DAILY, 0.661 ON OCT 4
MAXIMUM INSTANTANEOUS,
1.218 AT 05:00 PST ON MAY 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 42 N
LONG 120 20 48 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

JOE RICH CREEK NEAR RUTLAND - STATION NO. 08NM129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.044	0.023	0.044	0.109	1.23	1.03 E	0.838E	0.328E	0.209	0.135	0.094	0.076	1
2	0.043	0.022	0.044	0.109	1.14	0.973	0.699E	0.320E	0.198	0.142	0.096	0.080	2
3	0.039	0.020	0.043	0.114	1.05	0.920E	0.572E	0.374E	0.198	0.142	0.096	0.078	3
4	0.036	0.020	0.053	0.118	0.993	0.841E	0.476E	0.396E	0.198	0.142	0.096	0.078	4
5	0.033	0.020	0.055	0.135	0.906E	0.867E	0.433E	0.365E	0.198	0.135	0.096	0.080	5
6	0.032	0.019	0.057	0.125	0.864E	1.13 E	0.408E	0.348E	0.187	0.135	0.094	0.082	6
7	0.030	0.019	0.061	0.118	0.810E	1.26 E	0.430E	0.328E	0.176	0.125	0.094	0.082	7
8	0.033	0.018	0.062	0.118	0.787E	1.00 E	0.462E	0.306E	0.169	0.159	0.092	0.082	8
9	0.038	0.017	0.064	0.121	0.835E	1.31 E	0.526	0.292E	0.169	0.157	0.092	0.082	9
10	0.039	0.015	0.064	0.121	0.883E	1.50 E	0.547E	0.278E	0.162	0.157	0.092	0.080	10
11	0.041	0.019	0.068	0.125E	0.949E	1.41 E	0.507E	0.266E	0.155	0.154	0.092	0.082	11
12	0.043	0.020	0.070	0.116E	1.00 E	1.21 E	0.447E	0.255E	0.152	0.152	0.092	0.082	12
13	0.044	0.027	0.072	0.119E	1.06 E	1.23 E	0.430E	0.241E	0.148	0.149	0.090	0.082	13
14	0.029	0.029	0.074	0.125	1.08	1.35 E	0.527E	0.227E	0.135	0.147	0.090	0.082	14
15	0.032	0.030	0.076	0.136E	1.11	1.23 E	0.496E	0.215E	0.135	0.144	0.090	0.082	15
16	0.025	0.033	0.078	0.144E	1.11	1.13 E	0.433E	0.204E	0.135	0.142	0.090	0.082	16
17	0.020	0.036	0.080	0.159E	1.23	0.957E	0.405E	0.235E	0.128	0.140	0.090	0.084	17
18	0.015	0.043	0.082	0.174	1.22 E	0.937E	0.388E	0.232E	0.128	0.137	0.088	0.084	18
19	0.012	0.086	0.082	0.599	1.29 E	1.08 E	0.399E	0.231	0.121	0.135	0.086	0.084	19
20	0.029	0.050	0.082	0.639	1.30	0.991E	0.368E	0.231	0.121	0.132	0.084	0.082	20
21	0.055	0.044	0.080	0.679	1.47 E	0.875E	0.334E	0.220	0.121	0.128	0.084	0.080	21
22	0.084	0.043	0.080	0.699	1.65 E	0.770E	0.317E	0.209	0.121	0.109	0.084	0.080	22
23	0.070	0.043	0.080	0.719	1.59 E	0.716E	0.300E	0.220	0.114	0.118	0.080	0.082	23
24	0.055	0.043	0.082	0.699	1.42 E	0.697E	0.314E	0.220	0.114	0.112	0.078	0.082	24
25	0.048	0.044	0.084	0.744	1.84 E	0.722E	0.422E	0.220	0.121	0.105	0.078	0.082	25
26	0.044	0.046	0.084	0.744	2.39 E	0.745E	0.445E	0.220	0.121	0.084	0.078	0.084	26
27	0.041	0.044	0.086	0.699	1.70 E	0.714E	0.428E	0.220	0.128	0.092	0.078	0.084	27
28	0.036	0.044	0.088	0.699	1.39 E	0.660E	0.405E	0.220	0.128	0.092	0.076	0.082	28
29	0.033		0.094	0.792	1.15 E	0.643E	0.377E	0.231	0.135	0.094	0.076	0.082	29
30	0.030		0.105	0.938	1.26 E	0.705E	0.345E	0.220	0.135	0.094	0.076	0.081E	30
31	0.026		0.107		1.18 E		0.348E	0.220		0.094		0.080	31
TOTAL	1.179	0.917	2.281	10.936	37.887	29.603	13.826	8.092	4.463	3.983	2.622	2.525	TOTAL
MEAN	0.038	0.033	0.074	0.365	1.22	0.987	0.446	0.261	0.149	0.128	0.087	0.081	MEAN
MAX	0.084	0.086	0.107	0.938	2.39	1.50	0.838	0.396	0.209	0.159	0.096	0.084	MAX
MIN	0.012	0.015	0.043	0.109	0.787	0.643	0.300	0.204	0.114	0.084	0.076	0.076	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.324
MAXIMUM DAILY, 2.39E ON MAY 26
MINIMUM DAILY, 0.012 ON JAN 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 51 36 N
LONG 119 07 51 W
DRAINAGE AREA, 44.8 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	102	JUL	1 190
FEB	79.2	AUG	699
MAR	197	SEP	386
APR	945	OCT	344
MAY	3 270	NOV	227
JUN	2 560	DEC	218

TOTAL DISCHARGE, 10 200 dam³

JORDAN RIVER ABOVE KIRKUP CREEK - STATION NO. 08ND014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.88	4.41	3.82	7.62	48.8	56.7	54.3	22.0E	39.3	30.3	33.2	5.98E	1
2	8.12	4.41	3.75	7.08	44.6	60.0	48.6	19.3E	27.6	35.1	27.5	6.18E	2
3	7.42	3.90B	3.75	6.71	33.8	66.1	52.9	18.8E	16.5	19.1	23.6	5.90E	3
4	7.00	3.80B	3.75	5.99	29.9	67.6	63.0	18.7E	20.8	14.6	19.5	5.63E	4
5	6.62	3.60B	3.70	6.02	29.0	60.3	57.3	19.2E	15.9	12.4	17.0 A	5.69E	5
6	6.37	3.40B	3.56	5.71	25.2	84.4	59.3	17.9E	13.0	14.3	15.5 E	5.82E	6
7	6.02	3.20B	3.49	5.29	24.1	61.5	43.9	17.7E	12.8	24.6	14.4 E	5.75E	7
8	5.71	2.90B	3.47	5.10	25.3	48.1	34.8	17.4E	13.4	20.4	12.9 E	5.48E	8
9	5.48	2.60B	3.39	5.02	28.6	42.1	28.9	17.3E	13.7	17.4	11.7 E	5.40E	9
10	5.31	2.30B	3.35	4.86	31.2	39.8	30.6	17.2E	12.4	14.4	10.8 E	5.17E	10
11	5.11	2.40B	3.42	4.75	33.5	39.0	37.1	17.2E	10.4	12.7	10.3 E	5.04E	11
12	4.97	2.50B	3.47	4.53	36.1	37.3	36.1	16.9E	9.62	11.3	12.0 E	5.09E	12
13	4.80	2.60B	3.54	4.41	41.5	36.9	40.2	16.3E	8.34	10.1	11.0 E	5.28E	13
14	4.70	2.70B	3.74	4.27	45.8	41.8	42.9	15.3E	7.57	9.49	9.90E	5.20E	14
15	4.57	2.90B	3.86	4.40	50.3	46.6	37.0E	14.8E	8.04	9.28	9.85E	4.98E	15
16	4.43	3.10B	4.18	5.27	50.7	54.3	37.0E	14.3E	9.35	9.42	9.80E	4.78E	16
17	4.53	3.30B	4.33	5.90	53.4	43.7	36.8E	14.2E	10.2	9.01	8.83E	4.60E	17
18	4.48	4.00B	4.28	7.08	58.9	35.4	36.6E	14.7E	10.4	8.62	8.48E	4.49A	18
19	4.31	4.40B	4.34	9.00	72.7	35.5	34.0E	13.6E	13.2	8.36	7.98E	4.38E	19
20	4.24	5.13	4.39	11.4	79.2	37.6	29.6E	13.6E	8.34	7.58	7.90E	4.25E	20
21	4.18	4.90	4.51	12.6	82.0	36.6	39.5E	13.4E	7.93	7.14	7.95E	4.15E	21
22	4.83	4.60	4.74	15.2	89.3	36.2	36.5E	12.7E	6.95	6.78	8.60E	4.01A	22
23	6.64	4.43	4.93	24.2	83.2	36.5	31.0E	12.0E	6.77	6.62	8.35E	4.02	23
24	6.78	4.34	5.04	47.7	83.6	37.1	29.6E	12.3E	6.21	6.53	8.00E	3.91	24
25	5.85	4.19	5.06	35.5	99.8	40.6	31.0E	13.1E	5.50	8.39	7.62E	3.84	25
26	5.38	4.04	4.99	26.2	96.4	48.6	26.0E	12.3E	5.07	11.4	7.14E	3.77	26
27	5.19	3.95	5.07	23.1	68.6	47.4	26.0E	11.3E	4.93	28.7	6.90E	3.64	27
28	4.99	3.92	5.17	25.0	58.7	41.1	28.0E	10.2A	8.41	33.2	6.43E	3.60B	28
29	4.82		5.35	28.0	59.5	41.1	24.8E	13.1	7.92	23.7	6.10E	3.58B	29
30	4.70		5.59	30.5	72.2	51.9	24.0E	12.7	8.80	18.9	6.00E	3.54B	30
31	4.59		6.95		78.4		23.4E	10.2		25.7		3.47	31
TOTAL	171.02	101.92	132.98	388.41	1 714.3	1 411.8	1 161.1	469.7	389.35	475.52	355.23	146.62	TOTAL
MEAN	5.52	3.64	4.29	12.9	55.3	47.1	37.5	15.2	11.6	15.3	11.8	4.73	MEAN
MAX	8.88	5.13	6.95	47.7	99.8	84.4	63.0	22.0	39.3	35.1	33.2	6.18	MAX
MIN	4.18	2.30	3.35	4.27	24.1	35.4	23.4	10.2	4.93	6.53	6.00	3.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 99.8 ON MAY 25
MINIMUM DAILY, 2.30B ON FEB 10
MAXIMUM INSTANTANEOUS,
143 AT 23:59 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 40 N
LONG 118 16 09 W
DRAINAGE AREA, 272 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	100 000
FEB	8 810	AUG	40 600
MAR	11 500	SEP	30 200
APR	33 600	OCT	41 100
MAY	148 000	NOV	30 700
JUN	122 000	DEC	12 700

TOTAL DISCHARGE, 594 000 dam³

JUMP CREEK AT THE MOUTH - STATION NO. 08NB041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.40	3.08	3.45	8.41	7.69	1.60	1.56	0.955	0.990	2.85	38.8	6.20	1
2	5.82	3.06	3.09	6.65	7.96	1.47	1.43	0.942	0.963	5.43	17.7	11.2	2
3	4.86	3.03	2.84	5.46	7.76	1.58	1.36	0.962	0.973	6.16	10.6	10.6	3
4	4.55	3.05	2.57	4.52	7.02	1.59	1.26	0.939	0.967	4.89	7.32	13.5	4
5	4.51	2.98	2.24	8.39	5.68	2.01	1.17	0.946	0.957	4.90	5.52	50.5	5
6	4.44	2.97	2.05	8.88	4.86	2.96	1.11	0.972	0.971	11.0	5.14	25.1	6
7	4.33	2.95	1.96	6.71	4.44	2.67	1.06	0.965	0.938	18.1	5.10	14.9	7
8	4.30	2.91	1.95	5.62	3.88	2.26	1.05	0.955	0.948	19.8	5.00	10.0	8
9	4.62	2.87	1.86	5.00	3.57	2.16	1.05	0.952	0.962	13.9	5.06	13.6	9
10	4.57	2.23	1.75	4.55	3.29	2.21	1.07	0.954	0.974	8.89	5.07	19.7	10
11	4.48	1.51	1.66	5.17	3.02	2.28	1.06	0.960	0.949	5.92	14.1	13.8	11
12	4.41	1.49	1.62	4.76	2.71	2.25	1.05	0.943	0.984	4.18	21.2	9.41	12
13	4.31	1.74	1.45	3.97	2.57	2.04	1.00	0.951	0.973	3.27	17.2	7.40	13
14	4.29	5.85	1.26	3.59	2.53	1.86	1.01	0.932	0.963	2.66	21.3	7.17	14
15	4.20	27.7	1.28	3.89	2.32	1.69	1.03	0.930	0.957	2.14	29.2	7.22	15
16	3.83	41.6	1.34	7.94	2.13	1.63	1.03	0.927	0.982	2.38	20.8	6.94	16
17	3.45	37.0	1.34	8.89	1.96	1.56	1.01	0.947	0.992	2.43	14.7	6.68	17
18	5.84	28.6	1.40	7.68	1.92	2.07	1.02	0.938	0.973	2.23	11.4	7.40	18
19	5.56	37.4	1.38	6.81	2.01	3.81	1.03	0.930	0.960	2.22	9.99	18.4	19
20	4.97	24.2	1.40	6.41	2.07	4.08	0.975	0.941	1.00	2.20	14.4	17.9	20
21	8.38	13.9	1.43	5.84	2.09	3.87	0.990	0.931	1.40	2.17	26.5	11.5	21
22	12.3	9.70	1.69	8.55	1.86	4.18	0.989	0.939	1.36	2.20	23.6	8.08	22
23	10.5	7.39	1.99	14.8	1.73	4.32	0.988	0.934	1.25	2.74	17.1	6.69	23
24	7.29	6.41	2.22	16.6	2.18	3.70	0.985	0.973	1.18	3.22	11.5	6.42	24
25	5.40	5.79	3.36	11.4	3.24	3.16	0.989	0.941	1.13	3.28	8.46	6.34	25
26	4.74	5.26	4.09	7.71	3.08	2.68	0.985	0.937	1.12	3.28	6.79	6.29	26
27	4.11	4.53	3.60	6.08	2.53	2.23	0.982	0.931	1.23	5.75	5.72	6.09	27
28	3.70	3.90	3.32	9.28	2.18	2.02	0.969	0.923	1.79	17.2	5.36	6.00	28
29	3.39		3.94	9.95	2.03	1.87	0.949	0.937	1.66	14.4	5.28	5.88	29
30	3.20		4.75	8.61	1.99	1.71	0.958	0.954	1.53	13.8	5.35	5.79	30
31	3.13		7.92		1.79		0.965	0.971		61.2		5.74	31
TOTAL	160.88	293.10	76.20	222.12	104.09	73.52	33.084	29.312	33.026	254.79	395.26	352.44	TOTAL
MEAN	5.19	10.5	2.46	7.40	3.36	2.45	1.07	0.946	1.10	8.22	13.2	11.4	MEAN
MAX	12.3	41.6	7.92	16.6	7.96	4.32	1.56	0.973	1.79	61.2	38.8	50.5	MAX
MIN	3.13	1.49	1.26	3.59	1.73	1.47	0.949	0.923	0.938	2.14	5.00	5.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.56
MAXIMUM DAILY, 61.2 ON OCT 31
MINIMUM DAILY, 0.923 ON AUG 28
MAXIMUM INSTANTANEOUS,
76.7 AT 14:21 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 12 N
LONG 124 09 55 W
DRAINAGE AREA, 62.2 km²

REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 900	JUL	2 860
FEB	25 300	AUG	2 530
MAR	6 580	SEP	2 850
APR	19 200	OCT	22 000
MAY	8 990	NOV	34 200
JUN	6 350	DEC	30 500

TOTAL DISCHARGE, 175 000 dam³

KALAMALKA LAKE AT VERNON PUMPHOUSE - STATION NO. 08NM143

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.469	0.509	0.576	0.600	0.591	0.796	0.792	0.671	0.503	0.512	0.570E	0.555	1
2	0.475	0.509	0.579	0.597	0.594	0.805	0.796	0.661	0.512	0.512	0.573E	0.558	2
3	0.469	0.515	0.579	0.594E	0.600	0.808	0.792	0.655	0.503	0.512	0.570E	0.558	3
4	0.469	0.518	0.567	0.591	0.597	0.808	0.786	0.643	0.503	0.515	0.567E	0.555	4
5	0.475	0.515	0.600	0.588	0.613	0.808	0.783	0.637	0.509	0.512	0.564E	0.573	5
6	0.475	0.515	0.600	0.588	0.616	0.811E	0.777	0.634	0.503	0.515	0.561E	0.573	6
7	0.482	0.509	0.604	0.591	0.625	0.814	0.777	0.628	0.503	0.521	0.558E	0.570	7
8	0.479	0.509	0.591	0.591	0.631	0.808	0.771	0.625	0.503	0.524	0.555E	0.570	8
9	0.479	0.509	0.597	0.588E	0.631	0.814	0.759	0.619	0.503	0.524	0.555E	0.570	9
10	0.479	0.509	0.600	0.585	0.634	0.817	0.741	0.616	0.503	0.527	0.555E	0.570	10
11	0.479	0.509	0.600	0.579	0.634	0.826	0.762	0.613	0.503	0.530	0.558E	0.570	11
12	0.479	0.509	0.600	0.579	0.643	0.826	0.753	0.610	0.503	0.530	0.555E	0.570	12
13	0.479	0.518	0.610	0.573	0.643	0.826E	0.759	0.594	0.503	0.527	0.552E	0.570	13
14	0.479	0.561	0.600	0.573	0.649	0.826	0.750	0.588	0.497	0.524	0.555E	0.573	14
15	0.479	0.546	0.600	0.567	0.649	0.826	0.750	0.579	0.497E	0.524	0.558E	0.576	15
16	0.479	0.530	0.610	0.567	0.664	0.829E	0.747	0.573	0.500	0.527	0.555E	0.579	16
17	0.479	0.530	0.610	0.564	0.671	0.832	0.744	0.561	0.500	0.527	0.552E	0.579	17
18	0.485	0.533E	0.610	0.564	0.674	0.823	0.744	0.561	0.503	0.527	0.552E	0.579	18
19	0.479	0.588	0.610	0.564	0.674	0.829	0.741	0.561	0.503	0.527	0.552E	0.576	19
20	0.479	0.546E	0.610	0.564	0.686	0.832	0.738	0.555	0.509	0.527	0.552E	0.579	20
21	0.485	0.558	0.613	0.558	0.704	0.832	0.732	0.549	0.509	0.527E	0.555E	0.594	21
22	0.500	0.561	0.607	0.564	0.710	0.829	0.728	0.543	0.509	0.527E	0.555E	0.594	22
23	0.488	0.552	0.610	0.558	0.716	0.829	0.725	0.536	0.509	0.533E	0.555E	0.594	23
24	0.488	0.558	0.613	0.570E	0.716	0.826	0.732	0.536	0.509	0.533E	0.555	0.594	24
25	0.500	0.564	0.613	0.579	0.725	0.823	0.722	0.530	0.509	0.533E	0.558	0.594	25
26	0.497	0.570	0.607	0.579	0.747	0.823	0.713	0.509	0.509	0.527E	0.564	0.597	26
27	0.497	0.576	0.610	0.582	0.756	0.820	0.710	0.503	0.509	0.536E	0.561	0.597	27
28	0.500	0.576	0.610	0.582	0.765	0.814	0.704	0.491	0.518	0.543E	0.561	0.600	28
29	0.500		0.604	0.582	0.771	0.808	0.704	0.491	0.509	0.549E	0.558	0.604	29
30	0.515		0.604	0.591	0.780	0.799	0.698E	0.503	0.509	0.558E	0.555	0.604	30
31	0.515		0.604		0.786		0.689	0.500		0.561E		0.600	31
MEAN	0.485	0.536	0.602	0.578	0.674	0.819	0.746	0.577	0.505	0.528	0.558	0.580	MEAN
MAX	0.515	0.588	0.613	0.600	0.786	0.832	0.796	0.671	0.518	0.561	0.573	0.604	MAX
MIN	0.469	0.509	0.567	0.558	0.591	0.796	0.689	0.491	0.497	0.512	0.552	0.555	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 0.599
MAXIMUM DAILY, 0.832 ON JUN 17
MINIMUM DAILY, 0.469 ON JAN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 13 47 N
LONG 119 16 25 W

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KAMLOOPS LAKE NEAR KAMLOOPS - STATION NO. 08LF085

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.204	0.904	0.672	0.697	1.663	5.426	4.109	3.600E	2.408E	1.524E	1.213	0.976	1
2	1.229	0.883	0.658	0.723	1.760	5.567	4.116	3.536E	2.350E	1.335E	1.243	0.961	2
3	1.199	0.850	0.653	0.749	1.953	5.579	4.127	3.459E	2.393E	1.524E	1.347	0.941	3
4	1.149	0.812	0.649	0.770	2.147	5.549	4.152	3.400E	2.408E	1.585E	1.571	0.915	4
5	1.096	0.765	0.638	0.803	2.259	5.551	4.239	3.353E	2.377E	1.524E	1.731	0.890	5
6	1.053	0.731	0.643	0.838	2.306	5.570	4.373	3.322E	2.350E	1.393A	1.779	0.874	6
7	1.024	0.701	0.639	0.789	2.336	5.540	4.439	3.292E	2.316E	1.362A	1.758	0.860	7
8	0.997	0.685	0.636	0.780	2.350	5.479	4.411	3.261E	2.286E	1.373	1.699	0.846	8
9	0.970	0.687	0.623	0.777	2.354	5.350	4.338	3.231E	2.256E	1.468	1.639	0.825	9
10	0.945	0.677	0.612	0.769	2.378	5.175	4.192	3.200E	2.240E	1.554	1.573	0.801	10
11	0.926	0.609	0.605	0.759	2.445	5.020	4.032	3.170E	2.210E	1.584	1.498	0.774	11
12	0.900	0.534	0.598	0.757	2.540	4.871	3.880	3.139E	2.179E	1.562	1.451	0.753	12
13	0.873	0.517	0.586	0.750	2.602	4.746	3.782	3.094E	2.149E	1.517	1.399	0.725	13
14	0.843	0.535	0.572	0.739	2.674	4.632	3.721	3.048E	2.118E	1.461	1.399	0.690	14
15	0.806	0.566	0.561	0.728	2.772	4.533	3.692	3.018E	2.088E	1.403	1.424	0.646	15
16	0.770	0.589	0.560	0.712	2.895	4.489	3.708	2.981E	2.073E	1.355	1.437	0.598	16
17	0.735	0.619	0.552	0.701	3.030	4.473	3.756	2.941E	2.042E	1.306	1.440	0.558	17
18	0.687	0.653	0.562	0.694	3.173	4.510	3.791	2.900E	2.042E	1.268	1.423	0.529	18
19	0.648	0.677	0.577	0.694	3.355	4.510	3.827	2.865E	2.042E	1.241	1.393	0.519	19
20	0.643	0.688	0.586	0.704	3.562	4.446	3.866	2.829E	2.036E	1.218	1.355	0.527	20
21	0.640	0.695	0.594	0.723	3.793	4.375	3.930	2.789E	2.012E	1.186	1.314	0.535	21
22	0.642	0.699	0.603	0.770	4.046	4.321	3.996	2.743E	1.970E	1.152	1.287	0.525	22
23	0.644	0.703	0.599	0.843	4.300	4.297	4.036	2.713E	1.935E	1.122	1.258	0.503	23
24	0.651	0.706	0.603	0.928	4.557	4.262	4.034A	2.682E	1.890E	1.084	1.231	0.480	24
25	0.699	0.708	0.603	1.039	4.808	4.224	4.000A	2.652E	1.829E	1.055	1.195	0.473	25
26	0.787	0.707	0.612	1.229	5.061	4.192	3.975A	2.606E	1.798E	1.026	1.169	0.461	26
27	0.854	0.697	0.614	1.420	5.343	4.157	3.915A	2.591E	1.753E	0.990	1.126	0.449	27
28	0.893	0.683	0.626	1.521	5.582	4.173	3.840E	2.560E	1.707E	0.985	1.094	0.432	28
29	0.913		0.641	1.568	5.615	4.168	3.764E	2.530E	1.676E	1.000	1.056	0.416	29
30	0.920		0.650	1.612	5.456	4.130	3.719E	2.484E	1.600E	1.050	1.009	0.385	30
31	0.915		0.667		5.341		3.688E	2.454E		1.145		0.323	31
MEAN	0.879	0.689	0.613	0.886	3.370	4.777	3.982	2.982	2.084	1.302	1.384	0.651	MEAN
MAX	1.229	0.904	0.672	1.612	5.615	5.579	4.439	3.600	2.408	1.585	1.779	0.976	MAX
MIN	0.640	0.517	0.552	0.694	1.663	4.130	3.688	2.454	1.600	0.985	1.009	0.323	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.974
MAXIMUM DAILY, 5.615 ON MAY 29
MINIMUM DAILY, 0.323 ON DEC 31
MAXIMUM INSTANTANEOUS,
5.646 AT 04:51 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 26 N
LONG 120 32 03 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 336.179 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KANAKA CREEK NEAR WEBSTER CORNERS - STATION NO. 08MH076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.99	1.39	1.45	6.87	2.83	0.889	3.31	0.625	1.27	24.0	17.5	10.1	1
2	2.39	1.24	1.28	4.72	3.04	0.728	1.90	0.489	0.618	7.46	4.88	14.6	2
3	2.00	1.11	2.49	4.90	3.68	1.50	1.39	0.438	0.340	4.97	3.04	5.38	3
4	1.70	0.996	2.69	3.62	4.40	1.86	1.11	0.405	0.376	2.74	2.20	3.99	4
5	1.53	0.900	1.75	17.8	2.62	7.65	0.890	0.366	0.452	1.90	1.66	6.38	5
6	1.42	0.807	1.44	5.17	2.00	5.94	0.747	0.335	0.309	4.06	1.37	4.13	6
7	1.31	0.741	1.36	3.31	2.24	2.63	1.24	0.305	0.251	11.8	1.18	3.37	7
8	1.24	0.706	1.23	7.09	2.44	2.23	1.38	0.282	0.221	6.71	1.04	2.66	8
9	1.41	0.655	1.09	4.89	3.57	6.52	0.894	0.266	0.218	8.02	0.920	5.03	9
10	1.37	0.660B	0.958	3.05	2.22	10.2	0.718	0.242	0.245	3.69	0.839	11.1	10
11	1.12	0.690B	0.897	3.62	1.95	6.00	0.666	0.226	0.229	2.17	2.78	4.89	11
12	0.969	1.39	0.829	3.50	1.58	2.99	0.585	0.214	0.209	1.51	10.6	3.01	12
13	0.883	3.95	0.764	2.98	1.40	7.80	0.696	0.207	0.199	1.18	3.81	2.47	13
14	0.833	6.81	0.715	2.64	1.50	4.47	1.58	0.201	0.198	0.935	5.65	3.32	14
15	0.782	21.3	0.919	2.49	1.52	2.70	0.891	0.200	0.190	0.795	6.84	2.97	15
16	0.729	16.8	3.00	2.75	1.17	2.90	0.633	0.200	0.185	0.692	6.91	2.33	16
17	0.712	12.0	1.38	2.18	0.989	2.58	0.538	0.197	0.190	0.643	4.06	1.93	17
18	1.13	16.1	1.01	1.97	0.970	6.04	0.699	0.192	0.183	0.592	11.2	3.03	18
19	1.20	8.43	0.834	1.95	1.27	10.3	1.38	0.191	0.185	0.559	5.32	11.5	19
20	0.907	5.00	0.733	1.85	1.10	4.89	1.51	0.195	0.211	0.514	5.09	5.40	20
21	1.93	8.98	0.691	4.25	0.945	3.81	1.09	0.194	0.563	0.465	9.25	3.13	21
22	2.45	4.58	1.60	24.3	0.796	6.65	0.840	0.193	3.77	0.438	16.1	2.29	22
23	3.13	3.15	3.00	11.2	0.697	8.23	0.701	0.189	1.33	0.417	9.35	2.22	23
24	2.23	2.62	2.32	6.84	0.944	5.20	0.611	0.188	1.57	0.403	7.02	3.09	24
25	2.26	3.46	2.86	3.39	5.17	2.68	0.527	0.198	0.826	0.400	5.48	2.69	25
26	2.58	2.62	1.87	2.32	1.88	1.81	0.456	0.214	0.492	1.19	4.23	3.56	26
27	2.68	2.05	1.45	2.63	1.28	1.47	0.412	0.197	1.04	3.78	2.81	2.89	27
28	2.17	1.70	3.61	10.2	0.951	1.27	0.378	0.189	4.50	8.38	2.13	2.41	28
29	2.14		12.1	6.70	0.815	2.07	1.03	0.188	1.64	5.02	2.08	2.01	29
30	1.79		11.1	3.93	1.43	3.03	1.47	0.189	1.72	4.29	3.82	1.70	30
31	1.56		18.1		1.25		0.927	0.308		29.1		1.54	31
TOTAL	51.545	130.835	85.520	163.11	58.647	128.037	31.199	8.023	23.730	138.823	159.159	135.12	TOTAL
MEAN	1.66	4.67	2.76	5.44	1.89	4.27	1.01	0.259	0.791	4.48	5.31	4.36	MEAN
MAX	3.13	21.3	18.1	24.3	5.17	10.3	3.31	0.625	4.50	29.1	17.5	14.6	MAX
MIN	0.712	0.655	0.691	1.85	0.697	0.728	0.378	0.188	0.183	0.400	0.839	1.54	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.05
MAXIMUM DAILY, 29.1 ON OCT 31
MINIMUM DAILY, 0.183 ON SEP 18
MAXIMUM INSTANTANEOUS,
68.3 AT 15:59 PST ON OCT 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 1[illegible] 25 N
LONG 122 32 05 W
DRAINAGE AREA, 47.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 450	JUL	2 700
FEB	11 300	AUG	693
MAR	7 390	SEP	2 050
APR	14 100	OCT	12 000
MAY	5 070	NOV	13 800
JUN	11 100	DEC	11 700

TOTAL DISCHARGE, 96 400 dam³

KASLO RIVER BELOW KEMP CREEK - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.27	3.09	3.57	6.51	33.1	51.3	68.5	21.5 E	8.89	6.39	7.58	5.20	1
2	4.84	3.11	3.62	6.20	34.3	49.8	51.5	21.2 E	12.1	10.0	7.45	5.23	2
3	4.50	3.06	3.51	6.00	26.6	53.2	47.3A	21.5 E	11.4	8.96	7.35	4.97	3
4	4.76	3.17	3.37	5.75	22.4	58.0	64.6A	20.7 E	9.68	8.06	7.31	4.91	4
5	4.67	3.09B	3.43	5.72	20.4	49.6	72.2	20.1 E	9.54	7.48	7.00	5.01	5
6	4.56	3.03B	3.28	5.47	18.3	55.8	69.9	20.4 E	9.12	7.82	6.86	4.94	6
7	4.45	2.94B	3.31	5.24	16.9	50.7	64.8	21.2 E	8.47	9.47	6.69	4.86	7
8	4.30	2.94B	3.34	5.13	16.0	41.6	49.0	22.4 E	8.21	10.0	6.56	4.72	8
9	4.25	2.92B	3.34	5.07	15.9	37.4	42.5A	21.0 A	8.16	9.63	6.37	4.77	9
10	4.13	2.42	3.31	4.96	16.2	35.4	34.8E	20.4	8.24	8.77	6.21	5.13	10
11	3.82	2.86B	3.43	4.90	17.9	32.6	33.7E	19.1	8.04	8.20	6.22	4.88	11
12	3.79B	2.89B	3.57	4.79	18.2	30.6	35.1A	18.3	7.65	7.77	7.05	4.34	12
13	3.71B	2.94B	3.68	4.62	18.9	31.4	45.0	17.7	7.36	7.47	6.83	3.60	13
14	3.65B	3.03B	3.88	4.56	20.6	29.7	49.6	17.3	6.99	7.24	6.90	4.57	14
15	3.62B	3.09	4.11	4.73	28.2	32.8	42.2	16.2	6.71	7.07	6.78	4.69	15
16	3.54	3.20	4.39	5.41	29.2	40.5	42.5A	15.5	6.65	7.00	6.58	4.32	16
17	3.60B	3.54	4.64	5.58	27.8	38.8	44.7E	14.8	6.77	6.94	6.41	4.23	17
18	3.57B	3.65	4.59	5.92	29.4	33.4	45.0A	13.5	6.68A	6.80	6.28	4.23	18
19	3.54B	3.82	4.56	6.74	37.9	32.3	48.4	13.6	7.83	6.73	6.12	4.27	19
20	3.54	3.94	4.64	7.56	49.8	32.8	54.1E	20.9	7.87	6.53	6.07	4.21	20
21	3.48	3.71	4.62	8.10	57.5	31.7	42.8E	16.4	7.44	6.27	6.06	4.04	21
22	3.48	3.54	4.73	8.67	63.7	30.3	40.8E	14.1 A	7.12	6.17	6.12	3.98	22
23	3.62	3.51	4.76	10.5	63.4	30.9	39.1E	11.8 E	6.88	6.11	6.02	3.88	23
24	3.88	3.62	4.76	21.4	66.8	30.3	37.4E	12.3 E	6.54	6.05	5.66	3.89	24
25	3.74	3.74	4.84	20.5	75.9	33.1	35.1E	13.3 E	6.22	6.06	5.50	3.87	25
26	3.62	3.68	4.98	17.2	86.1	42.8	31.7E	13.0 E	6.00	6.71	5.43	3.84	26
27	3.57	3.65	5.07	15.1	65.4	47.6	32.8E	11.5 A	5.93	7.15	4.76	3.78	27
28	3.54	3.60	5.21	14.6	58.9	42.5	39.4E	11.4	6.62	8.29	4.93	3.67	28
29	3.48		5.72	14.3	56.4	41.6	29.7E	10.0	6.89	8.63	5.26	3.60	29
30	3.37B		6.46	16.6	60.0	51.3	24.4E	9.43	6.50	8.07	5.15	3.60	30
31	3.23B		6.46		62.6		22.7E	9.66		7.69		3.50	31
TOTAL	121.12	91.78	133.18	257.83	1 214.7	1 199.8	1 381.3	510.19	232.50	235.53	189.51	134.73	TOTAL
MEAN	3.91	3.28	4.30	8.59	39.2	40.0	44.6	16.5	7.75	7.60	6.32	4.35	MEAN
MAX	5.27	3.94	6.46	21.4	86.1	58.0	72.2	22.4	12.1	10.0	7.58	5.23	MAX
MIN	3.23	2.42	3.28	4.56	15.9	29.7	22.7	9.43	5.93	6.05	4.76	3.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 86.1 ON MAY 26
MINIMUM DAILY, 2.42 ON FEB 10
MAXIMUM INSTANTANEOUS,
100 AT 02:08 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 116 57 07 W
DRAINAGE AREA, 453 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 500	JUL	119 000
FEB	7 930	AUG	44 100
MAR	11 500	SEP	20 100
APR	22 300	OCT	20 300
MAY	105 000	NOV	16 400
JUN	104 000	DEC	11 600

TOTAL DISCHARGE, 493 000 dam³

KASCHEK CREEK NEAR THE MOUTH - STATION NO. 08JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.90B	2.77B	2.39B	2.03B	17.5	28.9	12.1	3.99	1.12	0.694	0.790	1.48B	1
2	3.87B	2.72B	2.39B	2.10B	18.2	28.2	11.7	3.74	1.11	0.632	0.855	1.48B	2
3	3.85B	2.68B	2.42B	2.22B	19.1	26.7	11.2	3.57	1.10	0.615	0.948	1.50B	3
4	3.82B	2.67B	2.42B	2.30B	19.9	24.9	10.6	3.43	1.08	0.611	0.959	1.57B	4
5	3.75B	2.62B	2.40B	2.37B	20.5	23.8	10.1	3.33	1.06	0.634	0.957	1.72B	5
6	3.72B	2.58B	2.35B	2.43B	21.3	23.2	9.40	3.23	1.08	0.752	0.907	1.95B	6
7	3.69B	2.56B	2.30B	2.49B	21.6	22.5	8.97	3.24	1.09	0.832	0.928	2.06B	7
8	3.68B	2.54B	2.28B	2.51B	22.9	21.9	8.55	3.09	1.03	0.836	0.968	2.10B	8
9	3.68B	2.52B	2.25B	2.55B	25.4	21.5	8.22	3.02	0.974	0.812	0.986	2.11B	9
10	3.65B	2.50B	2.21B	2.57B	27.6	21.0	8.01	2.87	0.909	0.796	1.00	2.12B	10
11	3.60B	2.50B	2.18B	2.63B	28.5	20.7	7.59	2.75	0.809	0.801	1.11	2.12B	11
12	3.57B	2.50B	2.13B	2.68B	28.6	20.6	7.29	2.53	0.714	0.780	1.09	2.12B	12
13	3.50B	2.50B	2.10B	2.75B	28.9	20.5	7.07	2.40	0.632	0.768	1.06	2.11B	13
14	3.42B	2.50B	2.08B	2.85B	29.2	20.6	7.07	2.24	0.617	0.765	1.07	2.10B	14
15	3.30B	2.52B	2.06B	2.98B	30.3	20.3	7.09	2.04	0.639	0.762	1.10	2.06B	15
16	3.20B	2.57B	2.03B	3.10B	31.3	19.7	6.81	1.94	0.642	0.772	1.15	2.04B	16
17	3.13B	2.63B	2.01B	3.25B	32.3	19.1	6.62	1.80	0.625	0.748	1.17	2.03B	17
18	3.10B	2.70B	2.00B	3.50B	33.0	19.0	6.36	1.90	0.654	0.759	1.21	2.04B	18
19	3.09B	2.72B	1.99B	3.82E	33.4	18.4	6.12	1.72	0.641	0.708	1.28	2.10B	19
20	3.10B	2.74B	1.99B	4.30E	33.2	17.6	5.68	1.64	0.611	0.671	1.34	2.27B	20
21	3.11B	2.72B	1.98B	4.90E	32.6	17.3	5.50	1.56	0.627	0.665	1.44	2.32B	21
22	3.14B	2.70B	1.97B	5.40E	32.1	16.5	5.58	1.49	0.667	0.676	1.46	2.31B	22
23	3.17B	2.66B	1.97B	6.20E	31.6	15.8	5.46	1.43	0.661	0.640	1.50	2.30B	23
24	3.15B	2.62B	1.96B	7.50E	31.2	15.3	5.30	1.46	0.629	0.632	1.43	2.30B	24
25	3.10B	2.58B	1.95B	8.75E	30.5	14.9	5.07	1.55	0.582	0.628	1.45	2.29B	25
26	3.00B	2.53B	1.94B	10.5 E	30.5	14.4	4.79	1.39	0.562	0.614	1.48 B	2.28B	26
27	2.95B	2.48B	1.93B	12.1 A	30.6	13.8	4.67	1.35	0.555	0.629	1.49 B	2.27B	27
28	2.90B	2.43B	1.93B	13.3	30.5	13.2	4.62	1.26	0.570	0.704	1.50 B	2.25B	28
29	2.85B		1.94B	14.1	30.5	12.9	4.65	1.21	0.531	0.720	1.49 B	2.22B	29
30	2.82B		1.97B	15.9	30.2	12.6	4.44	1.13	0.639	0.759	1.49 B	2.18B	30
31	2.80B		1.99B		29.6		4.14	1.09		0.811		2.15B	31
TOTAL	103.61	72.76	65.51	154.08	862.7	585.8	220.77	69.29	23.160	22.226	35.608	63.95	TOTAL
MEAN	3.34	2.60	2.11	5.14	27.8	19.5	7.12	2.24	0.772	0.717	1.19	2.06	MEAN
MAX	3.90	2.77	2.42	15.9	33.4	28.9	12.1	3.99	1.12	0.836	1.50	2.32	MAX
MIN	2.80	2.43	1.93	2.03	17.5	12.6	4.14	1.09	0.531	0.611	0.790	1.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.25
MAXIMUM DAILY, 33.4 ON MAY 19
MINIMUM DAILY, 0.531 ON SEP 29
MAXIMUM INSTANTANEOUS,
33.6 AT 15:30 PST ON MAY 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 54 01 N
LONG 125 08 17 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 950	JUL	19 100
FEB	6 290	AUG	5 990
MAR	5 660	SEP	2 000
APR	13 300	OCT	1 920
MAY	74 500	NOV	3 080
JUN	50 600	DEC	5 530

TOTAL DISCHARGE, 197 000 dam³

KECHIKA RIVER ABOVE BOYA CREEK - STATION NO. 10BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.0B	37.0B	36.2B	33.4B	---	---	---	---	240	110	107	49.8B	1
2	49.8B	37.2B	36.8B	---	---	---	---	---	232	112	101	47.5B	2
3	50.0B	37.0B	36.7B	---	---	---	---	---	215	111	92.9	45.0B	3
4	49.0B	36.9B	36.0B	---	---	---	---	---	194	107	92.1	44.3B	4
5	47.8B	36.9B	35.1B	---	---	---	---	---	179	104	88.6	44.0B	5
6	46.3B	37.0B	34.4B	---	---	---	---	---	168	99.6	87.0B	42.0B	6
7	46.0B	37.1B	34.2B	---	---	---	---	---	164	99.6	86.0B	39.5B	7
8	45.6B	37.0B	34.4B	---	---	---	---	---	182	99.4	86.0B	38.8B	8
9	44.5B	36.2B	34.8B	---	---	---	---	---	207	97.7	86.0B	37.4B	9
10	43.0B	35.8B	35.0B						208	96.5	84.0B	36.0B	10
11	42.9B	35.8B	35.5B	---	---	---	---	---	216	95.0	82.5B	35.8B	11
12	42.8B	35.9B	36.3B	---	---	---	---	---	204	93.5	80.5B	35.5B	12
13	43.0B	36.1B	36.8B	---	---	---	---	---	186	92.2	79.5B	35.4B	13
14	43.1B	36.4B	36.9B	---	---	---	---	---	168	92.6	77.0B	35.3B	14
15	42.7B	36.4B	37.0B	---	---	---	---	---	158	96.1	73.0B	35.2B	15
16	41.8B	36.3B	36.9B	---	---	---	---	---	151	104	69.0B	35.1B	16
17	40.7B	36.2B	36.6B	---	---	---	---	---	153	117	66.5B	35.4B	17
18	40.3B	36.1B	36.1B	---	---	---	---	---	152	116	64.5B	35.8B	18
19	40.2B	36.0B	35.4B	---	---	---	---	155A	159	111	62.5B	36.0B	19
20	40.5B	36.0B	34.8B	---	---	---	---	149	168	108	61.0B	36.1B	20
21	40.4B	36.3B	34.2B	---	---	---	---	151	158	103	59.5B	35.9B	21
22	40.9B	36.6B	34.0B	---	---	---	---	143	145	99.5	58.0B	35.4B	22
23	40.5B	36.5B	33.9B	---	---	---	---	139	138	99.0	56.5B	35.1B	23
24	39.5B	35.3B	34.0B	---	---	---	---	140	133	99.5	56.0B	34.9B	24
25	38.2B	35.0B	34.3B	---	---	---	---	136	129	102	56.0B	34.8B	25
26	37.4B	35.0B	34.5B	---	---	---	---	152	124	109	54.5B	33.8B	26
27	36.8B	35.3B	34.6B	---	---	---	---	190	119	109	54.5B	31.5B	27
28	36.5B	36.0B	34.7B	---	---	---	---	228	117	108	54.0B	29.7B	28
29	36.2B		34.5B	---	---	---	---	326	114	106	53.0B	28.2B	29
30	36.4B		34.1B	---	---	---	---	286	112	107	51.0B	27.4B	30
31	36.6B		33.7B		---		---	252		106		26.8B	31
TOTAL	1 308.7	1 015.8	1 092.4	---	---	---	---	---	4 993	3 209.2	2 179.6	1 133.4	TOTAL
MEAN	42.2	36.3	35.2	---	---	---	---	---	166	104	72.7	36.6	MEAN
MAX	50.0	37.2	37.0	---	---	---	---	---	240	117	107	49.8	MAX
MIN	36.2	35.0	33.7	---	---	---	---	---	112	92.2	51.0	26.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 26.8B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 05 54 N
LONG 127 32 02 W
DRAINAGE AREA, 11 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	113 000	JUL	---
FEB	87 800	AUG	---
MAR	94 400	SEP	431 000
APR	---	OCT	277 000
MAY	---	NOV	188 000
JUN	---	DEC	97 900

KECHIKA RIVER AT THE MOUTH - STATION NO. 10BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	79.0B	60.2B	60.0B	59.7B	87.0B	1 480	662	400	399	225E	213 E	80.5B	1
2	79.7B	60.1B	60.3B	59.4B	91.0B	1 500	662	384	387	231E	202 E	80.0B	2
3	80.0B	60.0B	60.1B	58.9B	98.0B	1 400	714	367	362	230E	188 E	77.0B	3
4	79.0B	59.3B	60.0B	58.8B	109 B	1 260	761	355	329	215E	179 E	74.0B	4
5	76.5B	59.1B	59.8B	58.2B	126 B	1 150	699	352	304	208E	174 E	71.0B	5
6	75.8B	59.3B	59.0B	58.0B	138 B	1 040	617	346	287	198E	169 B	69.5B	6
7	75.0B	59.5B	58.5B	58.0B	148 B	924	595	350	279	198E	164 B	65.5B	7
8	73.0B	58.8B	58.5B	57.6B	158 B	850	579	348	297	198E	161 B	62.5B	8
9	71.0B	57.6B	59.0B	57.4B	169 B	771	544	334	329	198E	159 B	59.5B	9
10	70.0B	57.0B	59.8B	56.4B	185	713	504	328	359	198E	157 B	58.5B	10
11	69.8B	57.0B	60.5B	56.0B	201	700	491	321	377	197E	152 B	58.0B	11
12	70.0B	57.5B	62.0B	55.9B	218	726	532	313	367	195E	148 B	57.5B	12
13	70.2B	58.2B	62.1B	55.4B	238	756	616	300	340	192E	146 B	57.5B	13
14	70.5B	58.6B	62.2B	55.8B	258	786	660	285	310E	190E	144 B	57.5B	14
15	70.2B	58.3B	62.4B	56.3B	270	840	657	268	295E	196E	140 B	57.5B	15
16	69.5B	58.0B	62.5B	57.4B	291	886	641	260	284E	200	135 B	57.3B	16
17	68.0B	58.1B	62.5B	58.0B	338	867	622	252	278E	237	130 B	57.3B	17
18	67.6B	58.0B	62.2B	58.0B	408	847	641	242	284E	243	125 B	57.5B	18
19	67.4B	58.0B	61.0B	58.4B	502	842	663	235	295E	234	120 B	57.9B	19
20	67.7B	58.5B	60.0B	59.2B	614	839	676	227	312E	225	118 B	58.0B	20
21	68.0B	59.0B	59.8B	60.0B	718	845	660	228	294E	213	114 B	58.0B	21
22	67.5B	58.5B	59.2B	61.0B	817	857	607	223	274E	201	110 B	58.0B	22
23	66.6B	58.0B	59.0B	62.2B	982	863	565	215	265E	194	106 B	57.0B	23
24	65.0B	57.7B	59.5B	63.5B	1 110	844	528	213	258E	193	102 B	55.9B	24
25	62.0B	56.6B	60.0B	64.5B	1 120	838	495	209	250E	201	97.0B	54.2B	25
26	60.5B	56.2B	60.5B	65.5B	1 180	836	480	213	244E	218	93.0B	53.5B	26
27	59.8B	56.7B	61.0B	68.5B	1 360	788	486	244	237E	219E	89.5B	52.5B	27
28	59.5B	58.0B	61.2B	70.5B	1 510	735	476	328	231E	214E	87.0B	49.0B	28
29	59.5B		60.8B	73.0B	1 480	692	455	508	228E	215E	84.0B	45.0B	29
30	59.7B		60.0B	77.0B	1 410	668	435	501	227E	219E	81.0B	43.0B	30
31	60.0B		59.8B		1 420		412	427		219E		42.0B	31
TOTAL	2 138.0	1 631.8	1 873.2	1 818.5	17 754.0	27 143	18 155	9 576	8 982	6 514	4 087.5	1 842.1	TOTAL
MEAN	69.0	58.3	60.4	60.6	573	905	586	309	299	210	136	59.4	MEAN
MAX	80.0	60.2	62.5	77.0	1 510	1 500	761	508	399	243	213	80.5	MAX
MIN	59.5	56.2	58.5	55.4	87.0	668	412	209	227	190	81.0	42.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 278
MAXIMUM DAILY, 1 510 ON MAY 28
MINIMUM DAILY, 42.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
1 530 AT 12:50 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 36 55 N
LONG 127 18 37 W
DRAINAGE AREA, 22 700 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	185 000	JUL	1 570 000
FEB	141 000	AUG	827 000
MAR	162 000	SEP	776 000
APR	157 000	OCT	563 000
MAY	1 530 000	NOV	353 000
JUN	2 350 000	DEC	159 000

TOTAL DISCHARGE, 8 770 000 dam³

KEEN CREEK BELOW KYAWATS CREEK - STATION NO. 08NH132

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19 B	0.688B	0.600B	0.620	9.43	12.7	20.5	5.92	3.23	1.48	1.86	1.13 B	1
2	1.10 B	0.688B	0.597B	0.617	9.03	12.0	13.3	5.83	3.68	3.60	1.80	1.10	2
3	1.06 B	0.708B	0.600B	0.609	6.03A	13.1	12.9	5.89	2.71	2.78	1.76	1.10 B	3
4	1.07 B	0.702B	0.575B	0.606	5.32E	14.4	18.2	5.89	2.36	2.28	1.71	1.04	4
5	1.07 B	0.688B	0.566B	0.614	4.56E	11.9	21.6	5.41	2.46	1.95	1.61	1.02	5
6	1.03 B	0.685B	0.564B	0.603	4.13A	14.6	20.4	5.44	2.16	2.11	1.57	1.04	6
7	1.02 B	0.651B	0.564B	0.603	3.85	12.6	17.9	5.97	1.96	3.26	1.52	1.07 B	7
8	1.00 B	0.646B	0.549B	0.603	3.74	9.37	11.4	6.17	1.97	3.17	1.49	1.06 B	8
9	0.991B	0.629B	0.552B	0.612	3.71	8.04	8.35	6.31	2.06	2.78	1.42	0.984	9
10	0.912B	0.623B	0.564B	0.600	3.82	7.62	7.48	5.83	2.15	2.37	1.38	1.07	10
11	0.886B	0.595B	0.566B	0.606	4.08	6.80	7.82	5.44	1.91	2.12	1.81	1.09	11
12	0.883B	0.606B	0.578B	0.612	4.08	6.20	8.52	5.41	1.79	1.96	1.75	0.991B	12
13	0.878B	0.614B	0.600	0.614	4.42	6.43	12.2	5.32	1.66	1.81	1.64	0.906B	13
14	0.858B	0.640B	0.634	0.654	5.21	6.09	13.3	5.24	1.52	1.73	1.56	0.949B	14
15	0.850B	0.646B	0.592	0.654	8.01	7.08	10.3	4.76	1.43	1.65	1.53	1.05 B	15
16	0.813B	0.643B	0.507	0.787	7.50	9.54	10.9	4.59	1.50	1.62	1.48	0.991B	16
17	0.799B	0.646B	0.507	0.748	6.99	8.95	11.3	4.30	1.65	1.61	1.42	0.949B	17
18	0.790B	0.651B	0.524	0.799	7.48	7.16	12.1	3.82	1.72	1.54	1.38	0.949B	18
19	0.765B	0.654B	0.566B	0.898	10.0	6.65	15.7	4.33	2.47	1.53	1.34	0.954B	19
20	0.748B	0.640B	0.552B	1.00	13.1	7.14	14.5	6.65	2.25	1.49	1.31	0.954B	20
21	0.736B	0.640B	0.549B	1.11	15.1	6.71	11.8	5.04	1.85	1.37	1.29	0.920B	21
22	0.728B	0.626B	0.555B	1.18	17.2	6.37	11.4	3.74	1.72	1.33	1.29	0.892B	22
23	0.765B	0.600B	0.566B	1.82	17.3	6.51	11.3	3.23	1.57	1.33	1.26	0.886B	23
24	0.793B	0.589B	0.572B	4.96	18.1	6.29	10.4	3.37	1.45	1.32	1.23	0.878B	24
25	0.779B	0.597B	0.578B	4.30	21.0	7.28	10.0	3.74	1.35	1.31	1.16B	0.878B	25
26	0.765B	0.620B	0.586B	3.65	24.0	10.3	9.15	3.62	1.25	1.52	1.13	0.864B	26
27	0.759B	0.617B	0.600B	3.28	17.0	12.0	9.32	3.28	1.22	1.89	1.08B	0.850B	27
28	0.736B	0.606B	0.617B	3.17	14.7	10.3	11.6	2.61	1.61	2.44	1.10B	0.821B	28
29	0.716B		0.637B	3.14	14.0	10.5	9.94	2.33	1.70	2.44	1.15B	0.818B	29
30	0.699B		0.651	3.91	15.4	15.1	7.79	2.59	1.47	2.09	1.15B	0.816B	30
31	0.691B		0.626		17.2		6.34	2.18		1.98		0.807B	31
TOTAL	26.880	17.938	17.898	43.979	315.49	279.73	377.71	144.25	57.83	61.78	42.78	29.827	TOTAL
MEAN	0.867	0.641	0.577	1.47	10.2	9.32	12.2	4.65	1.93	1.99	1.43	0.962	MEAN
MAX	1.19	0.708	0.651	4.96	24.0	15.1	21.6	6.65	3.68	3.60	1.86	1.13	MAX
MIN	0.691	0.589	0.507	0.600	3.71	6.09	6.34	2.18	1.22	1.31	1.08	0.807	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 24.0 ON MAY 26
MINIMUM DAILY, 0.507 ON MAR 16
MAXIMUM INSTANTANEOUS,
28.8 AT 02:07 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 52 18 N
LONG 117 07 13 W
DRAINAGE AREA, 92.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 320	JUL	32 600
FEB	1 550	AUG	12 500
MAR	1 550	SEP	5 000
APR	3 800	OCT	5 340
MAY	27 300	NOV	3 700
JUN	24 200	DEC	2 580

TOTAL DISCHARGE, 122 000 dam³

KELLY CREEK AT 850 m CONTOUR - STATION NO. 08NE113

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.425E	0.283E	0.311E	0.411E	1.78E	1.43	0.691	0.262E	0.104	0.081	0.116E	0.090E	1
2	0.394E	0.275E	0.306E	0.408E	2.13	1.39 E	0.614E	0.237	0.101E	0.083E	0.129	0.088E	2
3	0.362E	0.265	0.302	0.404	1.85E	1.36	0.537	0.232E	0.097	0.085	0.122E	0.087E	3
4	0.334E	0.266E	0.300E	0.394E	1.57	1.21 E	0.513E	0.228	0.101E	0.081E	0.116	0.085	4
5	0.312	0.266E	0.297E	0.382E	1.47E	1.07	0.485	0.219E	0.104	0.076	0.107E	0.087E	5
6	0.306E	0.265	0.293	0.372	1.36	1.03 E	0.600E	0.211	0.094E	0.116E	0.097	0.088E	6
7	0.297E	0.249E	0.289E	0.365E	1.23E	0.988	0.714	0.197E	0.085	0.154	0.091E	0.090E	7
8	0.292E	0.232E	0.286E	0.357E	1.09	1.21 E	0.691E	0.183	0.083E	0.161E	0.085	0.091	8
9	0.284	0.215E	0.284	0.351	1.22E	1.43	0.668	0.179E	0.081	0.168	0.085E	0.108E	9
10	0.275E	0.197	0.286E	0.340E	1.35	1.46 E	0.612E	0.176	0.079E	0.136E	0.085	0.124E	10
11	0.263E	0.207E	0.289E	0.328E	1.39E	1.50	0.554	0.165E	0.076	0.104	0.089E	0.141	11
12	0.252E	0.218E	0.293	0.317E	1.42	1.45 E	0.538E	0.154	0.074E	0.094E	0.093E	0.133E	12
13	0.244E	0.229E	0.309E	0.306E	1.65	1.39	0.519	0.148E	0.072	0.085	0.097	0.125E	13
14	0.232	0.239	0.326E	0.293	1.57	1.46 E	0.530E	0.141	0.070E	0.083E	0.101E	0.118E	14
15	0.229E	0.261E	0.340E	0.306E	1.86E	1.53	0.537	0.138E	0.068	0.081	0.104E	0.110	15
16	0.229E	0.280E	0.357E	0.321	2.14	1.46 E	0.513E	0.135	0.066E	0.079E	0.107E	0.108E	16
17	0.227E	0.302	0.372	0.360E	2.10E	1.39	0.485	0.132E	0.064	0.076	0.110	0.106E	17
18	0.225	0.328E	0.368E	0.396E	2.05	1.43 E	0.467E	0.129	0.070E	0.074E	0.108E	0.104	18
19	0.218E	0.357E	0.365E	0.433E	2.14E	1.46	0.453E	0.132E	0.076	0.072	0.106E	0.101E	19
20	0.212E	0.383	0.361	0.470E	2.22	1.41 E	0.437	0.135	0.090E	0.070E	0.104	0.097E	20
21	0.204	0.371E	0.365E	0.509	2.27E	1.36	0.423	0.122E	0.104	0.068	0.112E	0.094E	21
22	0.235E	0.357E	0.368E	0.858E	2.31	1.34 E	0.396E	0.110	0.090E	0.068E	0.120E	0.091	22
23	0.266E	0.343E	0.368E	1.21 E	2.20E	1.33	0.369	0.107E	0.076	0.068	0.129	0.091E	23
24	0.300E	0.330	0.372	1.56	2.10	1.17 E	0.362E	0.104	0.074E	0.068E	0.117E	0.091E	24
25	0.330	0.328E	0.377E	1.37 E	2.14E	1.02	0.355	0.101E	0.072	0.068	0.105E	0.091E	25
26	0.326E	0.326E	0.379E	1.18 E	2.18	0.923E	0.348E	0.097	0.072E	0.072E	0.093E	0.091	26
27	0.317E	0.321	0.383	0.987	1.99E	0.827	0.343	0.094E	0.072	0.076	0.081	0.089E	27
28	0.312	0.317E	0.391E	1.31 E	1.80	0.770E	0.320E	0.091	0.076E	0.096E	0.084E	0.087E	28
29	0.306E		0.399E	1.64	1.69E	0.714	0.295	0.097E	0.081	0.116	0.088E	0.085	29
30	0.300E		0.408E	1.44	1.57	0.702E	0.292E	0.104	0.081E	0.110E	0.091	0.085E	30
31	0.293		0.415		1.50E		0.285	0.104E		0.104		0.082E	31
TOTAL	8.801	8.010	10.559	19.378	55.34	37.214	14.946	4.664	2.453	2.873	3.072	3.058	TOTAL
MEAN	0.284	0.286	0.341	0.646	1.79	1.24	0.482	0.150	0.082	0.093	0.102	0.099	MEAN
MAX	0.425	0.383	0.415	1.64	2.31	1.53	0.714	0.262	0.104	0.168	0.129	0.141	MAX
MIN	0.204	0.197	0.284	0.293	1.09	0.702	0.285	0.091	0.064	0.068	0.081	0.082	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.467
MAXIMUM DAILY, 2.31 ON MAY 22
MINIMUM DAILY, 0.064 ON SEP 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 06 34 N
LONG 117 30 08 W
DRAINAGE AREA, 23.1 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	760	JUL	1 290
FEB	692	AUG	403
MAR	912	SEP	212
APR	1 670	OCT	248
MAY	4 780	NOV	265
JUN	3 220	DEC	264

TOTAL DISCHARGE, 14 700 dam³

KELOWNA CREEK NEAR KELOWNA (LOWER STATION) - STATION NO. 08NM053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.371	0.368	0.320	0.430	2.42	2.44	0.371	1.06	0.527	0.412	0.546	0.419	1
2	0.357	0.345	0.317	0.402	3.28	2.08	0.394	1.03	0.722	0.490	0.533	0.465	2
3	0.340	0.345	0.323	0.413	3.37	1.80	0.345	0.966	0.680	0.482	0.508	0.426	3
4	0.331	0.354	0.436	0.385	2.94	1.59	0.292	0.903	0.614	0.446	0.501	0.408	4
5	0.326	0.351	0.413	0.394	2.63	1.32	0.263	0.889	0.634	0.435	0.474	0.449	5
6	0.314	0.345	0.360	0.473	2.37	1.25	0.255	0.872	0.572	0.499	0.462	0.454	6
7	0.311	0.343	0.334	0.445	2.24	1.27	0.413	0.824	0.541	0.497	0.451	0.427	7
8	0.303	0.337	0.314	0.413	2.15	1.31	1.16	0.801	0.515	0.451	0.434	0.412	8
9	0.289	0.351	0.306	0.408	2.14	1.63	1.14	0.796	0.442A	0.499	0.432	0.416	9
10	0.283	0.241	0.297	0.377	2.17	2.15	0.867	0.756	0.434	0.486	0.428	0.433	10
11	0.275	0.232	0.289	0.377	2.17	2.50	1.00	0.731	0.416	0.473	0.425	0.415	11
12	0.278	0.238	0.297	0.382	2.21	2.41	1.17	0.680	0.394	0.448	0.483	0.394	12
13	0.280	0.244	0.314	0.362	2.48	2.19	1.15	0.654	0.388	0.423	0.470	0.363	13
14	0.278	0.266	0.292	0.354	2.76	2.25	1.41	0.447	0.396	0.412	0.462	0.357	14
15	0.286	0.263	0.286	0.326	2.78	2.25	1.67	0.294	0.384	0.399	0.443	0.369	15
16	0.278	0.340	0.314	0.303	3.37	2.11	1.57	0.275	0.357	0.385	0.445	0.369	16
17	0.280	0.326	0.326	0.300	3.85	1.92	1.34	0.374	0.350	0.376	0.449	0.369	17
18	0.280	0.309	0.320	0.320	3.77	1.67	1.06	0.371	0.348	0.369	0.460	0.371	18
19	0.280	0.379	0.306	0.354	3.57	1.72	0.991	0.343	0.565	0.363	0.453	0.375	19
20	0.286	0.331	0.294	0.428	3.62	1.81	0.940	0.348	0.597	0.361	0.449	0.363	20
21	0.297	0.309	0.292	0.538	4.08	1.75	0.957	0.388	0.637	0.364	0.448	0.343	21
22	0.317	0.303	0.292	0.535	5.10	1.65	0.994	0.337	0.553	0.376	0.448	0.339	22
23	0.348	0.300	0.292	0.872	5.10	1.48	0.869	0.320	0.516	0.374	0.447	0.326	23
24	0.365	0.292	0.294	1.46	4.50	1.26	1.12	0.306	0.496	0.377	0.435	0.338	24
25	0.385	0.433	0.294	2.11	4.05	0.968	1.89	0.292	0.529	0.381	0.428	0.338	25
26	0.388	0.399	0.294	2.27	4.56	0.702	2.06	0.283	0.505	0.398	0.428	0.345	26
27	0.391	0.351	0.292	2.02	4.93	0.544	1.81	0.283	0.485	0.407	0.421	0.343	27
28	0.394	0.340	0.289	1.83	4.39	0.484	1.52	0.289	0.488	0.519	0.412	0.338	28
29	0.394		0.377	1.80	3.60	0.411	1.30	0.411	0.442	0.613	0.407	0.340	29
30	0.399		0.360	1.94	3.03	0.309	1.18	0.530	0.395	0.596	0.405	0.338	30
31	0.379		0.382		2.68		1.11	0.467		0.568		0.300	31
TOTAL	10.083	9.035	9.916	23.021	102.31	47.228	32.611	17.320	14.922	13.679	13.587	11.742	TOTAL
MEAN	0.325	0.323	0.320	0.767	3.30	1.57	1.05	0.559	0.497	0.441	0.453	0.379	MEAN
MAX	0.399	0.433	0.436	2.27	5.10	2.50	2.06	1.06	0.722	0.613	0.546	0.465	MAX
MIN	0.275	0.232	0.286	0.300	2.14	0.309	0.255	0.275	0.348	0.361	0.405	0.300	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.837
MAXIMUM DAILY, 5.10 ON MAY 22
MINIMUM DAILY, 0.232 ON FEB 11
MAXIMUM INSTANTANEOUS,
5.32 AT 21:51 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 12 N
LONG 119 27 18 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	871	JUL	2 820
FEB	781	AUG	1 500
MAR	857	SEP	1 290
APR	1 990	OCT	1 180
MAY	8 840	NOV	1 170
JUN	4 080	DEC	1 010

TOTAL DISCHARGE, 26 480 dam³

KEMANO POWERHOUSE - STATION NO. 08FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	99.1	140	140	134	129	95.6	94.8	94.7	132	126	129	115	1
2	119	139	136	118	129	96.1	94.7	95.3	132	132	130	108	2
3	133	133	140	114	129	96.3	95.0	94.4	133	131	128	110	3
4	135	140	139	115	128	96.2	96.1	94.6	137	131	113	109	4
5	132	140	140	124	129	96.0	95.6	94.7	137	131	108	118	5
6	131	140	140	132	129	95.5	95.6	94.9	137	131	108	118	6
7	133	140	140	119	128	95.6	95.4	94.8	137	112	113	104	7
8	140	140	140	128	126	95.1	96.4	95.4	137	113	129	111	8
9	142	134	135	129	129	95.6	94.7	94.7	137	116	129	114	9
10	140	140	140	129	129	94.8	109	95.4	137	124	130	109	10
11	141	139	140	129	129	95.1	94.3	95.6	137	130	130	118	11
12	137	137	119	129	129	95.2	94.3	95.1	136	131	130	118	12
13	137	140	121	121	129	94.9	93.7	96.1	137	131	130	119	13
14	140	139	139	129	123	94.5	94.6	95.6	136	115	129	109	14
15	140	139	140	129	129	95.4	94.3	96.2	132	115	129	113	15
16	141	140	137	129	130	94.7	94.5	96.7	133	131	129	108	16
17	141	139	139	130	130	94.7	93.6	96.1	134	127	128	109	17
18	141	140	139	129	129	94.3	94.0	95.2	134	129	120	109	18
19	141	140	127	129	121	94.5	94.0	95.6	135	129	119	118	19
20	135	140	136	129	128	94.5	94.5	97.1	138	130	117	118	20
21	141	140	140	129	130	94.3	94.6	95.2	132	131	119	113	21
22	140	140	140	129	129	94.8	95.4	95.3	119	130	120	91.7	22
23	140	135	140	129	129	94.5	95.1	95.1	125	131	118	90.1	23
24	141	141	123	119	130	94.9	95.1	107	125	131	118	89.8	24
25	141	140	136	124	120	95.5	95.0	129	131	130	119	90.1	25
26	137	141	120	129	129	96.4	94.9	124	131	117	118	89.6	26
27	141	139	137	129	129	94.6	95.0	131	131	113	119	90.2	27
28	140	140	140	129	96.1	95.5	94.5	131	123	111	118	90.5	28
29	141		140	128	95.2	94.8	95.1	129	132	125	118	91.1	29
30	136		140	129	95.8	93.6	94.2	131	128	130	109	90.2	30
31	140		127		95.4		94.7	130		129		91.5	31
TOTAL	4 236.1	3 895	4 210	3 799	3 840.5	2 853.5	2 952.7	3 205.8	3 985	3 893	3 654	3 272.8	TOTAL
MEAN	137	139	136	127	124	95.1	95.2	103	133	126	122	106	MEAN
MAX	142	141	140	134	130	96.4	109	131	138	132	130	119	MAX
MIN	99.1	133	119	114	95.2	93.6	93.6	94.4	119	111	108	89.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 142 ON JAN 9
MINIMUM DAILY, 89.6 ON DEC 26

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 33 40 N
LONG 127 56 10 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	366 000	JUL	255 000
FEB	337 000	AUG	277 000
MAR	364 000	SEP	344 000
APR	328 000	OCT	336 000
MAY	332 000	NOV	316 000
JUN	247 000	DEC	283 000

DATA CONTRIBUTED BY -
ALUMINUM COMPANY OF CANADA LIMITED

REGULATED

TOTAL DISCHARGE, 3 790 000 dam³

KEMANO RIVER ABOVE POWERHOUSE TAILRACE - STATION NO. 08FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.70E	7.20B	5.55A	14.4	40.7	79.4	95.5	51.5	79.8	100 E	19.9E	14.5 E	1
2	7.60E	7.00B	5.50E	13.8	32.1	70.3	149	44.2	94.4	42.0 E	22.6E	18.5 E	2
3	7.50E	6.70B	5.45E	12.3	28.8	94.7	171	59.2	50.6	33.0 E	27.8E	15.0 E	3
4	7.60E	6.50B	5.35E	13.6	34.1	78.7	103	60.3	32.3	21.0 E	31.9E	13.0 E	4
5	11.5 E	6.30B	5.30E	19.8	47.0	64.1	70.8	72.3	55.8	9.69E	90.4E	11.8 E	5
6	24.0 E	6.10B	5.40E	15.4	63.3	61.3	48.4	76.3	70.4	11.8 E	90.8E	11.2 E	6
7	30.0 E	6.00B	5.60E	13.4	70.6	45.6	41.6	103	63.1	18.3 E	63.9E	10.3 E	7
8	22.0 E	5.85B	6.10E	13.5	64.6	39.0	40.8	113	57.1	17.7 E	112 E	9.60E	8
9	20.5 E	5.50E	6.70E	12.4	67.0	40.5	43.2	116	113	13.8 E	130 E	8.70E	9
10	23.5 E	5.30E	6.90E	10.3	40.0	50.4	59.4	101	106	9.95E	82.0E	8.30E	10
11	21.6 E	5.57	6.80E	8.48	39.4	80.8	110	86.0	110	7.44E	140 E	7.80E	11
12	21.0 E	5.40E	6.70E	7.23	46.1	60.3	139	63.1	42.9	6.21E	72.0E	7.50E	12
13	20.3 A	8.13	6.60E	6.39	57.9	67.7	147	52.3	27.8	16.6 E	53.0E	7.30E	13
14	19.0	30.9	6.70E	7.26	62.0	77.6	162	49.7	29.7	18.5 E	42.0E	7.10E	14
15	15.9	25.8	7.70E	7.58	83.1	78.8	144	48.0	29.1	29.7 E	36.0E	6.90E	15
16	13.4	17.8	9.50E	10.7	76.7	58.5	146	44.2	26.6	29.3 E	31.0E	6.76E	16
17	12.4	18.3	10.4 E	10.7	64.7	48.0	167	42.9	37.2	19.3 E	26.0E	6.62E	17
18	11.8 B	29.6	8.50E	9.78	72.4	52.4	171	48.5	64.9	33.7 E	22.5E	6.48E	18
19	11.4 B	21.4	7.70E	10.5	88.0	56.1	171	46.0	35.5	18.8 E	21.0E	6.34E	19
20	10.9 B	19.0	7.30E	13.4	96.4	52.6	141	38.9	24.3	11.0 E	23.0E	6.20E	20
21	10.6 B	17.3	7.04A	15.1	96.4	47.9	117	30.7	21.1	7.75E	23.7E	6.10E	21
22	10.2 B	23.7	8.67	18.8	77.7	44.9	95.0	56.5	22.7	6.22E	21.5E	6.00E	22
23	9.75B	15.6	8.42	31.4	86.2	61.6	100	41.6	17.7	6.15E	18.4E	5.90E	23
24	9.40B	11.4	8.32	33.4	119	73.0	114	84.6	14.3	16.0 E	16.5E	5.80E	24
25	9.04B	8.91	11.3	24.3	153	77.3	126	55.5	12.2	23.8 E	14.5E	5.70E	25
26	8.80B	7.99	13.4	21.3	106	71.2	131	37.1	9.54	14.1 E	13.0E	5.63E	26
27	8.45B	6.55	12.6	22.7	89.6	66.6	102	42.7	9.26	11.9 E	12.0E	5.56E	27
28	8.20B	5.70	29.5	26.0	78.1	68.7	84.4	34.3	14.4	11.3 E	13.5E	5.49E	28
29	7.98B		23.3	24.7	107	125	81.6	29.7	12.3	9.52E	14.4E	5.42E	29
30	7.70B		17.7	36.8	136	98.4	85.3	29.1	171 A	24.0 E	12.0E	5.35E	30
31	7.40B		16.7		106		67.5	38.3		54.8 E		5.30E	31
TOTAL	417.12	381.58	292.70	485.42	2 329.9	1 991.4	3 424.5	1 816.5	1 455.00	653.33	1 297.3	252.15	TOTAL
MEAN	13.5	12.2	9.44	16.2	75.2	66.4	110	58.6	48.5	21.1	43.2	8.13	MEAN
MAX	30.0	30.9	29.5	36.8	153	125	171	116	171	100	140	18.5	MAX
MIN	7.40	5.30	5.30	6.39	28.8	39.0	40.8	29.1	9.26	6.15	12.0	5.30	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.4
MAXIMUM DAILY, 171 ON JUL 3
MINIMUM DAILY, 5.30E ON FEB 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 10 N
LONG 127 56 40 W
DRAINAGE AREA, 583 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 000	JUL	296 000
FEB	29 500	AUG	157 000
MAR	25 300	SEP	126 000
APR	41 900	OCT	56 400
MAY	201 000	NOV	112 000
JUN	172 000	DEC	21 800

TOTAL DISCHARGE, 1 270 000 dam³

KERENEOS CREEK BELOW WILLIS INTAKE - STATION NO. 08NL045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.227	0.217	0.207	0.242	0.795	3.51	1.83	0.732	0.377	0.377	0.454	0.360	1
2	0.227	0.207	0.217	0.247	0.842	3.48	1.63	0.732	0.463	0.454	0.454	0.360	2
3	0.227	0.207	0.217	0.247	0.866	3.40	1.43	0.732	0.463	0.411	0.428	0.351	3
4	0.227	0.207	0.227	0.247	0.830	3.37	1.43	0.732	0.377	0.411	0.411	0.326	4
5	0.227	0.207	0.237	0.247	0.795	3.32	1.43	0.639	0.377	0.411	0.402	0.312	5
6	0.227	0.198	0.227	0.247	0.759	3.26	1.26	0.639	0.377	0.411	0.402	0.319	6
7	0.227	0.198	0.227	0.247	0.737	3.26	1.26	0.639	0.377	0.630	0.402	0.326	7
8	0.232	0.198	0.227	0.247	0.737	2.98	1.26	0.551	0.377	0.542	0.394	0.326	8
9	0.237	0.198	0.227	0.247	0.737	2.74	1.26	0.551	0.377	0.454	0.394	0.351	9
10	0.237	0.198	0.227	0.253	0.771	2.74	1.26	0.507	0.298	0.454	0.385	0.343	10
11	0.237	0.198	0.227	0.247	0.795	2.62	1.26	0.463	0.298	0.454	0.368	0.326	11
12	0.237	0.198	0.227	0.247	0.806	2.54	1.26	0.419	0.298	0.454	0.377	0.312	12
13	0.237	0.198	0.227	0.247	0.890	2.30	1.26	0.377	0.298	0.454	0.377	0.232	13
14	0.237	0.198	0.227	0.247	1.36	2.28	1.26	0.446	0.298	0.454	0.446	0.232	14
15	0.237	0.198	0.227	0.247	1.94	2.24	1.10	0.377	0.264	0.454	0.428	0.258	15
16	0.237	0.198	0.237	0.247	2.03	2.24	1.10	0.377	0.264	0.368	0.377	0.278	16
17	0.237	0.198	0.237	0.247	2.14	2.24	1.10	0.463	0.264	0.368	0.454	0.285	17
18	0.237	0.198	0.237	0.247	2.24	2.26	1.43	0.463	0.264	0.368	0.428	0.285	18
19	0.237	0.198	0.237	0.247	2.30	2.21	1.26	0.463	0.264	0.368	0.385	0.292	19
20	0.237	0.198	0.237	0.263	2.47	2.19	1.34	0.463	0.298	0.368	0.377	0.292	20
21	0.237	0.198	0.237	0.374	3.37	2.17	1.26	0.463	0.298	0.368	0.377	0.285	21
22	0.237	0.198	0.237	0.374	3.75	2.12	1.26	0.463	0.298	0.368	0.368	0.285	22
23	0.237	0.198	0.237	0.398	4.23	2.08	1.26	0.463	0.298	0.368	0.360	0.278	23
24	0.237	0.198	0.237	0.421	4.59	2.05	1.26	0.377	0.298	0.368	0.360	0.278	24
25	0.237	0.198	0.237	0.405	5.04	1.94	1.18	0.377	0.298	0.368	0.351	0.285	25
26	0.237	0.222	0.237	0.413	5.99	2.05	1.03	0.377	0.298	0.368	0.351	0.285	26
27	0.237	0.217	0.237	0.421	5.24	2.03	0.846	0.377	0.377	0.368	0.351	0.285	27
28	0.227	0.217	0.237	0.421	5.04	2.01	0.846	0.298	0.377	0.368	0.351	0.285	28
29	0.227		0.237	0.445	4.35	1.94	0.846	0.298	0.377	0.454	0.351	0.285	29
30	0.217		0.242	0.554	4.01	1.92	0.835	0.377	0.377	0.454	0.360	0.285	30
31	0.217		0.242		3.54		0.835	0.377		0.454		0.285	31
TOTAL	7.212	5.661	7.177	9.183	73.990	75.49	37.878	15.012	9.969	12.971	11.723	9.287	TOTAL
MEAN	0.233	0.202	0.232	0.306	2.39	2.52	1.22	0.484	0.332	0.418	0.391	0.300	MEAN
MAX	0.237	0.222	0.242	0.554	5.99	3.51	1.83	0.732	0.463	0.630	0.454	0.360	MAX
MIN	0.217	0.198	0.207	0.242	0.737	1.92	0.835	0.298	0.264	0.368	0.351	0.232	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.755
MAXIMUM DAILY, 5.99 ON MAY 26
MINIMUM DAILY, 0.198 ON FEB 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 33 N
LONG 119 49 32 W
DRAINAGE AREA, 183 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	623	JUL	3 270
FEB	489	AUG	1 300
MAR	620	SEP	861
APR	793	OCT	1 120
MAY	6 390	NOV	1 010
JUN	6 520	DEC	802

TOTAL DISCHARGE, 23 800 dam³

KETTLE RIVER NEAR FERRY - STATION NO. 08NN013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3	11.9	14.9	29.4	168	250	119	59.7	16.7	16.7	34.3	20.1	1
2	14.4	9.37	14.6	30.0	204	218	132	56.9	16.7	16.7	40.5	20.1	2
3	13.5	7.59	14.6	29.7	185	213	108	53.0	21.3	18.5	41.9	18.2	3
4	12.2	7.05	15.3	29.2	163	208	98.0	57.2	19.9	20.1	40.8	16.6	4
5	11.2	6.51B	16.1	28.6	149	197	94.6	55.2	17.7	17.8	37.9	18.8	5
6	11.8	6.51B	15.6	28.9	135	206	90.9	48.7	16.8	17.8	34.3	21.3	6
7	12.6	6.23B	14.7	28.3	125	220	90.6	44.2	15.8	22.1	32.0	20.1	7
8	12.5	6.23B	14.6	27.6	118	185	108	40.2	14.7	43.0	30.6	18.8	8
9	12.0	6.23B	14.9	28.0	115	183	108	37.1	13.7	40.5	29.4	18.2	9
10	11.8	5.95B	14.6	27.4	121	213	101	34.5	13.0	36.5	28.6	18.7	10
11	11.3	6.57	14.6	26.7	127	232	109	31.7	12.3	32.8	27.5	19.3	11
12	8.38	7.93	14.7	26.2	132	202	103	29.7	11.8	29.7	27.6	14.6	12
13	7.59	9.12	15.0	25.3	140	185	90.0	27.6	11.2	27.7	30.6	7.84	13
14	7.05	10.8	15.6	24.6	147	193	113	25.8	10.8	25.7	30.9	8.30	14
15	6.46	11.6	16.3	24.6	172	182	132	24.0	10.3	24.6	29.7	11.0	15
16	6.00	12.7	17.7	26.2	202	175	114	25.5	9.77	24.0	28.6	13.8	16
17	5.35	13.7	19.7	28.6	198	170	102	24.2	9.37	23.7	27.8	13.9	17
18	6.97	14.4	20.7	30.9	207	153	94.6	25.8	8.86	23.7	27.0	12.6	18
19	9.51	16.0	20.5	35.4	236	155	92.6	23.6	9.37	23.0	26.5	13.7	19
20	10.5	17.2	20.5	41.9	265	176	90.0	22.9	9.88	22.6	25.8	14.8	20
21	11.5	16.5	20.7	51.0	306	164	90.0	22.3	13.9	22.1	25.8	14.5	21
22	11.8	15.5	21.1	57.8	345	147	83.0	23.1	14.2	20.3	25.9	10.1	22
23	12.2	14.7	21.3	67.7	314	147	74.8	21.1	14.2	19.5	25.5	8.07	23
24	13.3	14.3	21.7	99.1	303	142	75.0	19.3	14.4	19.5	24.7	8.33	24
25	15.6	15.6	21.5	138	309	131	87.2	17.7	14.2	19.2	23.6	9.29	25
26	16.5	16.3	21.7	129	382	131	79.3	16.5	13.7	20.0	22.0	10.6	26
27	15.8	16.0	22.1	119	345	127	67.7	15.5	13.6	20.2	21.4	10.3	27
28	15.1	15.5	22.7	110	286	118	60.9	14.6	13.5	23.1	17.5	10.7	28
29	14.9		24.0	105	261	108	56.6	14.0	13.5	38.2	19.5	10.2	29
30	14.4		26.7	111	254	105	61.4	14.2	15.5	41.6	20.2	9.83	30
31	13.7		28.0		289		69.9	15.3		36.2		9.77	31
TOTAL	361.21	317.99	576.7	1 565.1	6 703	5 236	2 896.1	941.1	418.65	787.1	858.4	432.43	TOTAL
MEAN	11.7	11.4	18.6	52.2	216	175	93.4	30.4	13.7	25.4	28.6	13.9	MEAN
MAX	16.5	17.2	28.0	138	382	250	132	59.7	21.3	43.0	41.9	21.3	MAX
MIN	5.35	5.95	14.6	24.6	115	105	56.6	14.0	8.86	16.7	17.5	7.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.8
MAXIMUM DAILY, 382 ON MAY 26
MINIMUM DAILY, 5.35 ON JAN 17
MAXIMUM INSTANTANEOUS,
416 AT 21:00 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 53 N
LONG 118 45 55 W
DRAINAGE AREA, 5 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 200	JUL	250 000
FEB	27 500	AUG	81 300
MAR	49 800	SEP	35 500
APR	135 000	OCT	68 000
MAY	579 000	NOV	74 200
JUN	452 000	DEC	37 400

TOTAL DISCHARGE, 1 820 000 dam³

KETTLE RIVER NEAR GRAND FORKS - STATION NO. 08NN024

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.734	4.852	5.669	---	---	---	---	---	---	1
2	---	---	---	3.731	4.983	5.368	---	---	---	---	---	---	2
3	---	---	---	3.712	5.032	5.325	---	---	---	---	---	---	3
4	---	---	---	3.688	4.996	5.279	---	---	---	---	---	---	4
5	---	---	---	3.664	4.889	5.267	---	---	---	---	---	---	5
6	---	---	---	3.652	4.752	5.243	---	---	---	---	---	---	6
7	---	---	---	3.645	4.676	5.441	---	---	---	---	---	---	7
8	---	---	---	3.624	4.593	5.172	---	---	---	---	---	---	8
9	---	---	---	3.627	4.548	5.090	---	---	---	---	---	---	9
10	---	---	---	3.600	4.578	5.169	---	---	---	---	---	---	10
11	---	---	---	3.581	4.621	5.383	---	---	---	---	---	---	11
12	---	---	---	3.584	4.663	5.264	---	---	---	---	---	---	12
13	---	---	---	3.551	4.709	5.078	---	---	---	---	---	---	13
14	---	---	---	3.542	4.761	5.096	---	---	---	---	---	---	14
15	---	---	---	3.536	4.868	5.029	---	---	---	---	---	---	15
16	---	---	---	3.548	5.261	4.996	---	---	---	---	---	---	16
17	---	---	---	3.584	5.206	5.023	---	---	---	---	---	---	17
18	---	---	---	3.621	5.236	4.889	---	---	---	---	---	---	18
19	---	---	---	3.688	5.377	4.859	---	---	---	---	---	---	19
20	---	---	---	3.783	5.605	4.892	---	---	---	---	---	---	20
21	---	---	---	3.901	5.749	4.923	---	---	---	---	---	---	21
22	---	---	---	4.008	6.187	4.837	---	---	---	---	---	---	22
23	---	---	---	4.127	6.038	4.624	---	---	---	---	---	---	23
24	---	---	---	4.325	5.880	4.791	---	---	---	---	---	---	24
25	---	---	---	4.798	5.877	4.715	---	---	---	---	---	---	25
26	---	---	---	4.734	6.364	4.724	---	---	---	---	---	---	26
27	---	---	---	4.621	6.334	4.737	---	---	---	---	---	---	27
28	---	---	---	4.554	5.831	4.624	---	---	---	---	---	---	28
29	---		---	4.508	5.642	4.578	---	---	---	---	---	---	29
30	---		---	4.520	5.706	4.535	---	---	---	---	---	---	30
31	---		---		5.758		---	---		---	---	---	31
MEAN	---	---	---	3.893	5.277	5.021	---	---	---	---	---	---	MEAN
MAX	---	---	---	4.798	6.364	5.669	---	---	---	---	---	---	MAX
MIN	---	---	---	3.536	4.548	4.535	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.364 ON MAY 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 18 N
LONG 118 24 39 W

NATURAL FLOW

DRAINAGE AREA,
8 830 km²

8 830 ²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 504.066 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KETTLE RIVER NEAR LAURIER - STATION NO. 08NN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.8	30.6	39.9	77.6	262	453	211	107	29.4	26.7	66.0	41.1	1
2	31.7	26.3	39.4	78.2	354	388	234	98.3	30.6	27.9	69.7	40.5	2
3	30.3	23.3	38.5	76.7	331	377	204	93.4	32.0	27.9	75.6	39.4	3
4	28.6	21.5B	39.4	74.2	289	365	187	92.0	34.5	30.0	74.8	35.7	4
5	27.5	20.4B	41.9	71.9	263	357	183	93.2	32.8	30.6	71.4	37.4	5
6	27.1	19.8B	42.2	71.4	239	354	181	85.5	30.6	29.4	66.5	39.4	6
7	27.9	19.3B	41.1	69.9	223	399	183	79.0	29.4	32.3	62.0	40.2	7
8	28.1	19.3B	39.9	68.2	209	343	197	73.6	27.9	52.1	58.9	38.5	8
9	27.7	18.7B	39.6	68.0	202	323	194	68.2	26.3	67.7	56.6	37.1	9
10	27.1	18.7B	39.6	66.3	206	340	185	64.3	25.1	62.9	54.7	37.4	10
11	26.5	18.7B	39.4	64.6	217	379	182	60.0	23.9	57.8	52.7	39.6	11
12	24.5	20.7B	39.6	63.4	222	357	184	56.1	22.9	53.0	51.3	25.5B	12
13	21.9	22.1B	40.5	61.4	231	323	166	52.7	21.9	49.0	53.0	15.9B	13
14	19.1	24.5	41.3	59.5	241	320	171	49.6	21.0	46.2	56.4	16.4B	14
15	17.0B	26.9	42.8	58.6	275	314	209	47.0	20.6	43.6	55.5	19.8B	15
16	15.9	28.9	46.2	59.5	345	303	191	45.0	19.8	42.5	54.1	28.3B	16
17	15.3	31.4	52.7	62.6	340	300	177	45.3	19.3	41.9	52.7	28.3B	17
18	17.9	33.4	55.8	66.3	348	273	163	43.9	18.7	41.6	52.1	25.5B	18
19	22.5	35.1	56.1	71.9	385	265	157	44.2	18.1	41.3	50.7	27.2B	19
20	24.1	39.6	55.5	81.8	433	292	151	42.5	18.6	40.5	49.8	29.7B	20
21	24.5	40.2	54.9	95.1	481	294	151	41.6	20.6	39.6	49.6	29.7B	21
22	25.3	39.4	55.8	108	569	264	144	41.1	23.7	38.2	51.3	19.8B	22
23	26.3	37.7	56.4	124	552	254	133	39.6	24.3	36.2	50.7	17.0B	23
24	28.6	37.1	56.9	164	515	251	126	37.1	24.3	35.7	49.8	17.0B	24
25	32.6	38.2	57.2	229	515	236	135	34.5	24.3	35.4	48.1	18.7B	25
26	34.8	41.3	58.0	225	609	233	136	32.3	23.9	35.1	45.9	21.0B	26
27	35.1	41.9	58.0	206	617	236	119	30.6	23.5	36.0	43.9	20.4B	27
28	34.3	41.1	58.9	196	498	221	109	28.9	23.5	38.8	40.2	21.5B	28
29	34.0		61.2	188	453	203	101	27.7	23.7	56.6	38.2	19.8B	29
30	33.1		68.0	193	436	196	103	27.1	25.1	78.2	40.5	19.3B	30
31	32.0		73.6		479		115	27.9		71.6		19.3B	31
TOTAL	834.1	816.1	1 530.3	3 108.1	11 339	9 213	5 082	1 709.2	740.3	1 346.3	1 642.7	866.4	TOTAL
MEAN	26.9	29.1	49.4	103	366	307	164	55.1	24.7	43.4	54.8	27.9	MEAN
MAX	35.1	41.9	73.6	229	617	453	234	107	34.5	78.2	75.6	41.1	MAX
MIN	15.3	18.7	38.5	58.6	202	196	101	27.1	18.1	26.7	38.2	15.9	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 617 ON MAY 27
MINIMUM DAILY, 15.3 ON JAN 17
MAXIMUM INSTANTANEOUS,
663 AT 02:00 PST ON MAY 27

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 04 N
LONG 118 12 55 W
DRAINAGE AREA, 9 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 100	JUL	439 000
FEB	70 500	AUG	148 000
MAR	132 000	SEP	64 000
APR	268 000	OCT	116 000
MAY	980 000	NOV	142 000
JUN	796 000	DEC	74 900

TOTAL DISCHARGE, 3 300 000 dam³

KETTLE RIVER NEAR WESTBRIDGE - STATION NO. 08NN026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	15.9E	78.4	154	74.0	40.4	10.4	---	---	---	1
2	---	---	---	16.8	105	135	81.8	39.1	11.4	---	---	---	2
3	---	---	---	15.9	97.5	141	67.6	35.0	14.2	---	---	---	3
4	---	---	---	15.7	88.0	128	66.5	38.8	12.5	---	---	---	4
5	---	---	---	15.6	79.5	119	62.1	35.7	11.2	---	---	---	5
6	---	---	---	15.9	69.3	124	59.7	32.4	11.1	---	---	---	6
7	---	---	---	15.1	65.5	142	57.9	28.7	10.1	---	---	---	7
8	---	---	---	14.6	60.4	109	69.9	26.2	9.20	---	---	---	8
9	---	---	---	15.4	58.5	109	69.6	23.7	8.41	---	---	---	9
10	---	---	---	14.6	61.4	125	63.5	22.0	8.07	---	---	---	10
11	---	---	---	14.2	65.2	133	69.3	20.2	7.77	---	---	---	11
12	---	---	---	13.9	67.9	112	61.8	18.8	7.28	---	---	---	12
13	---	---	---	12.6	72.7	101	54.5	17.3	6.78	---	---	---	13
14	---	---	---	12.6	76.4	108	76.7	16.3	6.39	---	---	---	14
15	---	---	---	12.7	87.6	102	86.3	15.3	6.19	---	---	---	15
16	---	---	---	12.9	107	97.8	78.8	17.1	5.99	---	---	---	16
17	---	---	---	14.6	106	99.2	67.9	16.1	5.79	---	---	---	17
18	---	---	---	15.1	112	87.3	62.5	17.1	5.59	---	---	---	18
19	---	---	---	16.8	134	89.0	59.7	14.7	5.20	---	---	---	19
20	---	---	---	19.5	152	109	56.9	13.7	7.48	---	---	---	20
21	---	---	---	24.1	180	99.2	56.3	15.0	10.8	---	---	---	21
22	---	---	---	27.3	200	88.0	52.3	14.4	9.43	---	---	---	22
23	---	---	---	33.2	192	90.3	46.5	13.2	9.77	---	---	---	23
24	---	---	---	45.9	180	86.6	48.3	12.1	9.77	---	---	---	24
25	---	---	---	69.3	184	82.5	59.7	11.1	9.20	---	---	---	25
26	---	---	---	63.5	247	85.2	49.2	10.2	9.09	---	---	---	26
27	---	---	---	59.7	201	83.9	41.5	8.86	8.41	---	---	---	27
28	---	---	---	53.5	177	76.1	38.0	8.75	8.30	---	---	---	28
29	---		---	50.1	164	69.3	34.2	8.64	9.20	---	---	---	29
30	---		---	52.6	160	69.9	40.7	9.20	10.9	---	---	---	30
31	---		---		193		49.5	10.8		---		---	31
TOTAL	---	---	---	779.6	3 822.3	3 155.3	1 863.2	610.85	265.91	---	---	---	TOTAL
MEAN	---	---	---	26.0	123	105	60.1	19.7	8.86	---	---	---	MEAN
MAX	---	---	---	69.3	247	154	86.3	40.4	14.2	---	---	---	MAX
MIN	---	---	---	12.6	58.5	69.3	34.2	8.64	5.20	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 247 ON MAY 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 13 48 N
LONG 118 55 39 W
DRAINAGE AREA, 2 150 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	161 000
FEB	---	AUG	52 800
MAR	---	SEP	23 000
APR	67 400	OCT	---
MAY	330 000	NOV	---
JUN	273 000	DEC	---

KICKING HORSE RIVER AT GOLDEN - STATION NO. 08NA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.4 B	7.62B	7.93B	7.62	37.4	159	147E	158	55.2	23.2	15.7	7.84B	1
2	14.4 B	7.33B	7.90B	7.02	49.6	149	146E	140	57.5	30.9	15.6	7.65B	2
3	12.7 B	7.02B	7.50B	6.51	43.6	161	159E	132	47.0	28.1	15.0	7.42B	3
4	11.9 B	6.65B	7.22B	6.20	37.7	154	187E	128	44.2	24.7	14.7	7.76B	4
5	11.2 B	6.26B	7.36B	6.43	35.4	135	215E	117	46.7	23.5	13.9	8.61B	5
6	10.8 B	6.00B	7.73B	6.43	32.6	127	216E	115	43.6	22.7	13.2	8.55B	6
7	10.8 B	6.37B	7.31B	6.12	31.1	122	193E	120	44.7	22.2	13.2	8.41B	7
8	10.9 B	6.71B	6.71B	6.14	31.4	110	160A	126	47.3	22.7	13.4	8.16B	8
9	11.0 B	7.11B	6.85B	6.29	34.0	98.5A	138A	120	52.4	22.6	12.8	8.21B	9
10	10.7 B	6.51B	6.94B	6.20	35.1	91.7E	112	116	56.4	21.8	12.1	8.24B	10
11	10.4 B	5.80B	6.82B	6.09	36.5	84.7E	110	115	51.8	20.2	12.4	7.87B	11
12	9.91B	6.12B	6.74B	6.03	38.2	78.4E	111	117	51.8	19.7	13.3	7.42B	12
13	9.49B	6.43B	6.77B	5.64	40.2	78.2E	118	118	50.1	19.0	13.3	6.97B	13
14	8.89B	6.80B	6.80B	5.55	43.3	78.2E	181	114	43.6	18.8	12.8	7.42B	14
15	8.21B	7.11B	6.74B	6.37	48.4	96.0E	199	108	41.9	18.5	13.0	7.84B	15
16	7.42B	7.56B	6.74B	8.10	50.4	106 E	185	108	45.6	18.4	12.6	8.16B	16
17	6.85B	8.04B	7.22	8.47	54.9	92.0E	179	104	49.8	18.1	11.8	8.16B	17
18	6.77B	8.55B	6.54	9.26	61.2	80.4E	177	96.3	50.4	17.9	12.0	8.21B	18
19	7.02B	8.95B	6.03	10.4	78.2	73.6E	181	92.9	60.3	17.3	11.5	8.50B	19
20	7.48B	9.06B	6.17	12.2	98.8	69.4E	173	99.4	70.2	17.2A	11.2	8.72B	20
21	7.84B	8.95B	6.06	12.7	124	67.4E	174	91.5	46.7	16.5	11.1	8.69B	21
22	7.96B	8.78B	7.22	12.8	153	63.4E	186	81.6	40.2	16.1	11.3	8.61B	22
23	8.07B	8.55B	7.19	13.9	167	63.4E	172	79.3	35.7	16.3	11.1	8.61B	23
24	8.07B	8.55B	7.14	24.3	189	61.7E	156	80.7	33.1	15.9	10.7	8.69B	24
25	8.07B	8.64B	6.77	28.1	202	72.5E	144	85.8	30.0	16.0	7.74	8.83B	25
26	8.04B	8.61B	6.37	22.0	232	97.7E	134	93.4	28.6	17.5	7.45B	8.86B	26
27	7.93B	8.44B	6.60	20.6	229	112 E	133	93.2	26.9	17.0	7.36B	8.78B	27
28	7.87B	8.13B	6.48	20.1	179	92.0E	146	79.6	26.4	16.7	7.45B	8.67B	28
29	7.79B		6.74	22.0	148	87.5E	150	70.8	25.4	17.6	7.70B	8.55B	29
30	7.79B		7.08	24.1	150	106 E	176	66.5	24.0	16.5	7.93B	8.50B	30
31	7.76B		7.25		163		176	58.9		15.7		8.38B	31
TOTAL	290.43	210.65	214.92	343.67	2 854.0	2 967.7	5 034	3 225.9	1 327.5	609.3	353.33	255.29	TOTAL
MEAN	9.37	7.52	6.93	11.5	92.1	98.9	162	104	44.3	19.7	11.8	8.24	MEAN
MAX	16.4	9.06	7.93	28.1	232	161	216	158	70.2	30.9	15.7	8.86	MAX
MIN	6.77	5.80	6.03	5.55	31.1	61.7	110	58.9	24.0	15.7	7.36	6.97	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.5
MAXIMUM DAILY, 232 ON MAY 26
MINIMUM DAILY, 5.55 ON APR 14
MAXIMUM INSTANTANEOUS,
249 AT 20:45 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 54 N
LONG 116 56 40 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 100	JUL	435 000
FEB	18 200	AUG	279 000
MAR	18 600	SEP	115 000
APR	29 700	OCT	52 600
MAY	247 000	NOV	30 500
JUN	256 000	DEC	22 100

TOTAL DISCHARGE, 1 530 000 dam³

KILLARNEY LAKE ON BOWEN ISLAND - STATION NO. 08GA070

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.936	0.893	0.887	1.045E	0.978	0.890E	0.869E	0.771E	---	0.948	---	---	1
2	0.920	0.893	0.908E	0.997	0.969E	0.875	0.863E	0.768	---	---	---	---	2
3	0.908	0.887	0.927	0.985	0.963	0.881	0.856	0.762E	---	---	---	---	3
4	0.896	0.887	0.924E	0.972	1.015	0.878	0.850E	0.759	---	---	---	---	4
5	0.893	0.881	0.920	0.985E	1.012E	0.881E	0.844	0.756E	---	---	---	---	5
6	0.887	0.878	0.917E	0.997	1.009	0.884E	0.841E	0.753E	---	---	---	---	6
7	0.884	0.875	0.914	0.988E	1.003E	0.887	0.835	0.750	---	---	---	---	7
8	0.881	0.875	0.908E	0.975	0.997	0.887E	0.829E	0.747E	---	---	---	---	8
9	0.884	0.863	0.905	0.975E	0.978	0.890E	0.823	0.744E	---	---	---	---	9
10	0.887	0.863	0.902E	0.978	0.972E	0.890E	0.823E	0.741	---	---	---	---	10
11	0.872	0.863	0.899	0.978E	0.969E	0.890	0.826E	0.738E	---	---	---	---	11
12	0.869	0.881	0.896E	0.978	0.963	0.887E	0.826	0.732E	---	---	---	---	12
13	0.869	0.902	0.893	0.966	0.951E	0.884	0.823E	0.728	---	---	---	---	13
14	0.866	0.924	0.890E	0.981E	0.942	0.884E	0.820	0.725E	---	---	---	---	14
15	0.863	0.939	0.887	0.997	0.942E	0.887E	0.817E	0.719	---	---	---	---	15
16	0.860	1.064	0.905	0.988	0.939E	0.887	0.817	0.713E	---	---	---	---	16
17	0.860	1.027	0.899	0.981E	0.939	0.890E	0.817E	0.710	---	---	---	---	17
18	0.866	1.058	0.896E	0.972	0.939E	0.890	0.814	0.707E	---	---	---	---	18
19	0.863	1.039	0.890	0.963E	0.936	0.890E	0.811E	0.707E	---	---	---	---	19
20	0.869	1.000	0.890E	0.954	0.927E	0.893E	0.811E	0.704	---	---	---	---	20
21	0.881	0.985	0.887	0.957	0.917	0.893	0.808	0.701E	---	---	---	---	21
22	0.890	0.972	0.893	1.027	0.914E	0.896E	0.805E	0.698E	---	---	---	---	22
23	0.887	0.951	0.896	1.100	0.908E	0.899E	0.802E	0.695	0.735	---	---	---	23
24	0.881	0.930	0.902E	1.071	0.905	0.902	0.799	0.695	0.735	---	---	---	24
25	0.878	0.924	0.905	1.039E	0.945	0.896E	0.799E	0.695E	0.722E	---	---	---	25
26	0.878	0.917	0.902E	1.006	0.936E	0.893	0.796	0.692E	0.710	---	---	---	26
27	0.869	0.914	0.899	0.985	0.930E	0.890E	0.792E	0.692	0.759	---	---	---	27
28	0.893	0.905	0.893	1.006	0.920	0.884E	0.786	0.692E	0.796	---	---	---	28
29	0.905		0.939	1.003	0.917E	0.881	0.780E	0.692E	0.799	---	---	---	29
30	0.905		0.997	0.997	0.911E	0.875E	0.777	0.692	0.844	---	---	---	30
31	0.902		1.094		0.908		0.774E	---		---		---	31
MEAN	0.884	0.928	0.912	0.995	0.950	0.888	0.817	---	---	---	---	---	MEAN
MAX	0.936	1.064	1.094	1.100	1.015	0.902	0.869	---	---	---	---	---	MAX
MIN	0.860	0.863	0.887	0.954	0.905	0.875	0.774	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 23 20 N
LONG 123 21 05 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KINBASKET LAKE AT MICA DAM - STATION NO. 08ND017

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	748.316	743.451	738.466	735.159	733.862	739.610	745.511	753.406	753.369	752.725	751.965	750.811	1
2	748.322	743.220	738.367	735.040	733.990	739.941	745.773	753.429	753.333	752.760	752.022	750.677	2
3	748.256	742.985	738.265	734.927	734.106	740.294	746.015	753.432	753.256	752.777	752.045	750.533	3
4	748.129	742.757	738.179	734.798	734.174	740.652	746.312	753.429	753.198	752.785	752.038	750.388	4
5	747.971	742.527	738.084	734.717	734.213	740.967	746.654	753.424	753.182	752.768	752.028	750.279	5
6	747.792	742.280	737.983	734.663	734.255	741.274	746.956	753.423	753.180	752.720	751.990	750.226	6
7	747.626	742.039	737.877	734.589	734.300	741.575	747.212	753.410	753.176	752.693	751.978	750.125	7
8	747.506	741.803	737.769	734.499	734.300	741.807	747.428	753.425	753.201	752.679	751.959	750.008	8
9	747.409	741.578	737.663	734.392	734.288	742.005	747.603	753.433	753.208	752.688	751.924	749.918	9
10	747.305	741.351	737.574	734.262	734.281	742.193	747.800	753.437	753.235	752.698	751.893	749.826	10
11	747.212	741.146	737.460	734.128	734.292	742.362	748.032	753.439	753.239	752.689	751.902	749.719	11
12	747.093	740.925	737.327	734.002	734.324	742.547	748.321	753.476	753.248	752.648	751.945	749.617	12
13	746.938	740.704	737.173	733.881	734.357	742.726	748.587	753.498	753.236	752.595	751.967	749.520	13
14	746.784	740.534	737.031	733.783	734.405	742.908	748.858	753.507	753.215	752.564	751.964	749.375	14
15	746.627	740.396	736.880	733.722	734.496	743.096	749.159	753.515	753.190	752.530	751.957	749.237	15
16	746.457	740.255	736.718	733.637	734.612	743.285	749.444	753.521	753.177	752.518	751.908	749.097	16
17	746.288	740.091	736.556	733.573	734.736	743.477	749.749	753.516	753.180	752.514	751.861	748.990	17
18	746.157	739.925	736.419	733.536	734.885	743.640	750.063	753.496	753.174	752.485	751.798	748.870	18
19	746.019	739.770	736.296	733.523	735.046	743.778	750.406	753.470	753.202	752.423	751.720	748.746	19
20	745.864	739.606	736.186	733.498	735.241	743.902	750.738	753.502	753.245	752.349	751.631	748.662	20
21	745.710	739.474	736.107	733.425	735.497	744.037	751.052	753.507	753.230	752.296	751.597	748.550	21
22	745.537	739.368	736.039	733.406	735.847	744.146	751.340	753.480	753.206	752.219	751.569	748.453	22
23	745.350	739.260	735.965	733.426	736.231	744.254	751.637	753.463	753.202	752.130	751.508	748.367	23
24	745.173	739.100	735.891	733.480	736.610	744.353	751.882	753.483	753.194	752.059	751.431	748.293	24
25	745.001	738.950	735.824	733.554	737.009	744.467	752.123	753.512	753.129	751.988	751.365	748.241	25
26	744.788	738.798	735.761	733.596	737.470	744.602	752.313	753.556	753.046	751.913	751.290	748.169	26
27	744.580	738.659	735.685	733.636	737.918	744.778	752.487	753.581	752.960	751.856	751.207	748.067	27
28	744.379	738.557	735.604	733.653	738.287	744.961	752.715	753.579	752.878	751.847	751.129	747.960	28
29	744.158		735.516	733.704	738.593	745.126	752.922	753.535	752.809	751.865	751.051	747.861	29
30	743.917		735.415	733.760	738.906	745.289	753.127	753.481	752.759	751.868	750.937	747.746	30
31	743.675		735.292		739.265		753.320	753.409		751.887		747.614	31
MEAN	746.334	740.697	736.818	733.999	735.477	742.935	749.534	753.477	753.162	752.404	751.719	749.160	MEAN
MAX	748.322	743.451	738.466	735.159	739.265	745.289	753.320	753.581	753.369	752.785	752.045	750.811	MAX
MIN	743.675	738.557	735.292	733.406	733.862	739.610	745.511	753.406	752.759	751.847	750.937	747.614	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 745.516
MAXIMUM DAILY, 753.581 ON AUG 27
MINIMUM DAILY, 733.406 ON APR 22
MAXIMUM INSTANTANEOUS,
753.591 AT 15:00 PST ON AUG 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 41 N
LONG 118 33 43 W

REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KINBASKET LAKE BELOW GARRETT CREEK - STATION NO. 08NB017

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	748.067E	743.247	738.379	734.912E	733.797	739.464	745.283	753.035	753.099	752.486	751.715	750.544	1
2	748.074E	743.015	738.285	734.793E	733.918	739.787	745.530	753.069	753.075	752.530	751.773	750.436	2
3	748.010E	742.800A	738.188	734.681E	734.026	740.133	745.762	753.117	753.005	752.545	751.799	750.287	3
4	747.882E	742.522A	738.151	734.550E	734.093	740.477	746.066	753.146	752.945	752.552	751.800	750.142	4
5	747.827E	742.285	738.144	734.470E	734.130	740.783	746.381	753.165	752.930	752.529	751.780	750.038	5
6	747.586E	742.064	738.048	734.415E	734.128	741.073	746.678	753.169	752.923	752.481	751.743	749.999	6
7	747.379E	741.826	737.941	734.342E	734.146	741.359	746.936	753.178	752.927	752.470	751.738	749.894	7
8	747.260E	741.622	737.843	734.251E	734.179	741.586	747.142	753.190	752.963	752.452	751.718	749.784	8
9	747.162E	741.425	737.737	734.144E	734.184	741.773	747.319	753.197	752.970	752.450	751.679	749.690	9
10	747.059E	741.192	737.636	734.016E	734.180	741.967	747.512	753.202	752.996	752.464	751.647	749.610	10
11	746.964E	740.970	737.527	733.882E	734.180	742.150	747.748	753.204	752.997	752.456	751.653	749.513	11
12	746.845E	740.766	737.400	733.754E	734.179	742.337	748.036	753.246	753.022	752.427	751.701	749.404	12
13	746.690E	740.547	737.248	733.635E	734.245	742.521	748.304	753.266	752.997	752.382	751.708	749.288	13
14	746.537E	740.381	737.104	733.567A	734.283	742.697	748.550	753.272	752.972	752.342	751.696	749.150	14
15	746.382E	740.260	736.957	733.646	734.369	742.870	748.845	753.281	752.949	752.308	751.704	749.019	15
16	746.211E	740.121	736.829	733.542	734.495	743.059	749.127	753.285	752.927	752.302	751.658	748.896	16
17	746.041E	739.952	736.691	733.474	734.630	743.246	749.442	753.277	752.930	752.303	751.603	748.750	17
18	745.909E	739.799	736.541	733.431	734.814	743.405	749.775	753.250	752.937	752.261	751.555	748.620	18
19	745.772E	739.653	736.414	733.409	734.970	743.542	750.103	753.217	752.970	752.211	751.467	748.528	19
20	745.617E	739.506	736.328	733.402	735.169	743.667	750.425	753.242	752.999	752.131	751.387	748.458	20
21	745.464E	739.365	736.241	733.379	735.419	743.794	750.722	753.248	752.976	752.075	751.352	748.353	21
22	745.291E	739.274	736.171	733.370	735.760	743.901	751.014	753.224	752.946	751.996	751.333	748.247	22
23	745.102E	739.159	736.107	733.390	736.115	744.009	751.289	753.208	752.944	751.901	751.271	748.146	23
24	744.925E	739.018	736.039	733.434	736.495	744.106	751.523	753.229	752.935	751.837	751.190	748.072	24
25	744.754E	738.867	735.728A	733.480	736.905	744.215	751.753	753.273	752.882	751.749	751.117	748.033	25
26	744.541E	738.706	735.513E	733.538	737.389	744.360	751.963	753.322	752.798	751.674	751.043	747.960	26
27	744.334E	738.572	735.437E	733.566	737.810	744.554	752.139	753.344	752.701	751.615	750.970	747.873	27
28	744.133E	738.469	735.357E	733.592	738.166	744.729	752.369	753.332	752.636	751.613	750.876	747.763	28
29	743.916A		735.269E	733.633	738.457	744.893	752.571	753.280	752.570	751.628	750.791	747.648	29
30	743.692		735.168E	733.691	738.762	745.053	752.780	753.231	752.523	751.626	750.673	747.551	30
31	743.463		735.043E		739.114		752.953	753.146		751.632		747.413	31
MEAN	746.079	740.549	736.821	733.846	735.371	742.717	749.227	753.221	752.915	752.175	751.471	748.939	MEAN
MAX	748.074	743.247	738.379	734.912	739.114	745.053	752.953	753.344	753.099	752.552	751.800	750.544	MAX
MIN	743.463	738.469	735.043	733.370	733.797	739.464	745.283	753.035	752.523	751.613	750.673	747.413	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 745.317
MAXIMUM DAILY, 753.344 ON AUG 27
MINIMUM DAILY, 733.370 ON APR 22
MAXIMUM INSTANTANEOUS,
753.362 AT 15:31 PST ON AUG 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 00 N
LONG 117 53 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

KIRBYVILLE CREEK NEAR THE MOUTH - STATION NO. 08ND019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.03	1.38 B	1.20	1.35	8.83	16.1	21.9	12.1	11.1	11.1	9.10	2.04	1
2	2.65	1.35 B	1.15	1.37	7.99	16.6	21.0	10.8	9.23	12.1	8.15	2.08	2
3	2.41	1.32 B	1.21	1.33	6.40	19.1	23.2	10.1	7.23	8.00	7.22	1.89	3
4	2.22	1.29 B	1.21	1.26	5.62	17.9	29.1	10.2	8.05	6.91	6.42	1.77	4
5	2.19	1.25 B	1.27	1.27	5.39	16.4	27.6	9.87	7.30	6.46	5.91	1.85	5
6	2.09	1.21 B	1.22	1.19	5.01	21.0	23.4	10.1	6.77	6.50	5.57	1.85	6
7	2.04	1.18 B	1.34	1.17	4.93	16.3	18.8	10.2	6.74	8.88	5.36	1.70	7
8	1.95	1.12 B	1.24	1.14	5.28	13.6	14.1	10.5	7.16	7.85	5.13	1.69	8
9	1.84	1.00 B	1.31	1.16	6.32	13.0	11.9	10.0	7.21	6.84	4.92	1.74	9
10	1.69	0.940B	1.32	1.14	6.70	12.4	12.4	9.76	7.04	6.52	4.77	1.82	10
11	1.73	1.08 B	1.27	1.33	6.73	12.5	17.4	9.98	6.55	6.13	4.74	1.80	11
12	1.62	1.09 B	1.32	1.35	7.16	12.2	16.5	10.4	6.31	5.90	6.75	1.80B	12
13	1.54	1.12 B	1.32	1.24	7.99	12.3	16.1	9.77	6.04	5.71	5.58	1.81B	13
14	1.50	1.10 B	1.30	1.21	8.83	14.0	19.3	9.04	5.85	5.56	5.33	1.70B	14
15	1.52	1.31 B	1.28	1.25	9.70	14.8	19.9	9.22	5.84	5.47	5.62	1.64B	15
16	1.49	1.48 B	1.30	1.41	10.4	16.6	19.0	8.97	6.03	5.57	5.32	1.54B	16
17	1.50	1.74	1.26	1.46	12.1	13.8	19.2	9.31	6.03	5.39	4.97	1.42	17
18	1.47	1.64	1.19	1.53	13.4	11.9	20.3	8.32	6.17	5.28	4.72	1.39	18
19	1.48	1.54	1.23	1.65	15.7	11.7	20.2	7.94	7.02	5.23	4.56	1.51	19
20	1.57	1.46	1.24	2.03	17.1	13.2	18.7	9.46	5.88	4.98	4.40	1.54	20
21	1.56	1.44	1.28	2.50	18.0	12.4	19.1	8.54	5.81	4.86	4.27	1.51	21
22	1.74	1.38	1.26	2.87	24.7	12.0	17.7	7.42	5.64	4.78	4.03	1.43	22
23	1.99	1.34	1.25	4.28	21.8	12.5	16.2	7.40	5.45	4.76	3.60	1.47	23
24	1.90	1.32	1.22	7.47	20.7	13.7	18.0	7.55	5.35	4.77	3.22	1.40	24
25	1.75	1.28	1.29	5.78	21.7	14.4	15.9	7.73	5.14	5.01	2.85	1.37	25
26	1.64	1.27	1.34	8.51	22.2	16.1	13.4	7.38	4.97	5.27	2.58	1.41	26
27	1.56	1.22	1.21	3.85	17.2	15.0	14.3	6.85	4.92	6.06	2.36	1.37	27
28	1.56	1.23	1.08	4.19	15.1	13.0	16.6	6.43	5.48	7.46	2.14	1.34	28
29	1.54		1.12	4.63	15.0	14.7	14.0	7.02	5.53	6.77	2.04	1.30B	29
30	1.54		1.22	5.33	19.1	20.0	12.7	6.71	5.35	6.04	2.02	1.29B	30
31	1.49		1.28		21.5		13.2	6.61		6.29		1.32B	31
TOTAL	55.80	36.160	38.73	72.25	389.08	439.2	561.1	275.98	193.19	198.45	143.65	49.79	TOTAL
MEAN	1.80	1.29	1.25	2.41	12.6	14.6	18.1	8.90	6.44	6.40	4.79	1.61	MEAN
MAX	3.03	1.74	1.34	7.47	24.7	21.0	29.1	12.3	11.1	12.1	9.10	2.08	MAX
MIN	1.47	0.940	1.08	1.14	4.93	11.7	11.9	6.43	4.92	4.76	2.02	1.29	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.72
MAXIMUM DAILY, 29.1 ON JUL 8
MINIMUM DAILY, 0.940B ON FEB 10
MAXIMUM INSTANTANEOUS,
34.2 AT 21:35 PST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 22 N
LONG 118 40 14 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 820	JUL	48 500
FEB	3 120	AUG	23 800
MAR	3 350	SEP	16 700
APR	6 240	OCT	17 100
MAY	33 600	NOV	12 400
JUN	37 900	DEC	4 300

TOTAL DISCHARGE, 212 000 dam³

KISKATINAW RIVER NEAR FARMINGTON - STATION NO. 07FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.146B	0.163B	0.164B	0.158B	87.6	82.3	8.43	6.60 E	0.649	0.911	1.21 B	0.815B	1
2	0.136B	0.165B	0.163B	0.161B	81.0E	110	7.96	5.65 E	0.847	0.828	1.15 B	0.820B	2
3	0.128B	0.164B	0.162B	0.165B	76.0E	85.1	7.45	4.90 E	1.03	0.807	1.16 B	0.790B	3
4	0.120B	0.163B	0.158B	0.167B	71.2E	64.8	6.77	4.26 A	0.969	0.755	1.17 B	0.730B	4
5	0.115B	0.161B	0.156B	0.168B	66.3E	51.8	6.19	3.90	0.965	0.769	1.17 B	0.640B	5
6	0.113B	0.158B	0.154B	0.167B	61.5E	42.1	5.53	3.32	0.965	0.786	1.14 B	0.555B	6
7	0.110B	0.156B	0.154B	0.166B	58.4E	35.1	5.16	2.92	0.940	0.920	1.11 B	0.480B	7
8	0.108B	0.153B	0.155B	0.165B	56.5E	30.1	4.83	2.65	0.969	0.951	1.09 B	0.440B	8
9	0.108B	0.152B	0.160B	0.163B	55.0E	26.1	4.54	2.38	0.942	1.01	1.08 B	0.420B	9
10	0.106B	0.150B	0.161B	0.160B	53.7E	22.9	4.27	2.10	0.892	0.984	1.11 B	0.398B	10
11	0.103B	0.150B	0.162B	0.158B	52.8E	21.3	3.87	1.85	0.814	1.03	1.11 B	0.370B	11
12	0.098B	0.152B	0.162B	0.157B	50.5E	20.8	3.50	1.65	0.748	0.991	1.17 B	0.360B	12
13	0.095B	0.156B	0.161B	0.156B	48.5E	20.6	3.36	1.57	0.685	1.05	1.32 B	0.350B	13
14	0.091B	0.161B	0.160B	0.157B	46.5E	24.0	3.24	1.54	0.646	1.03	1.18 B	0.340B	14
15	0.090B	0.165B	0.159B	0.158B	44.7E	25.8	3.13	1.49	0.607	1.03	1.09 B	0.362B	15
16	0.095B	0.168B	0.157B	0.163B	42.9E	24.6	3.13	1.35	0.585	0.990	0.980B	0.382B	16
17	0.094B	0.169B	0.154B	0.180B	41.4E	21.9	4.08	1.26	0.578	0.996	0.940B	0.418B	17
18	0.098B	0.170B	0.152B	0.340B	40.6E	20.5	4.24	1.16	0.536	0.988	0.935B	0.470B	18
19	0.105B	0.171B	0.150B	0.930B	40.1E	19.7	4.27	1.05	0.586	0.920	0.935B	0.495B	19
20	0.131B	0.170B	0.149B	2.45 B	39.8E	18.5	4.42	1.04	0.544	0.935	0.940B	0.500B	20
21	0.155B	0.169B	0.150B	6.50 B	39.3E	19.1	4.17A	0.972	0.581	0.915	0.870B	0.470B	21
22	0.190B	0.167B	0.152B	18.0 B	37.0E	18.4	3.92E	0.882	0.639	0.938	0.800B	0.435B	22
23	0.195B	0.165B	0.154B	63.8	34.9E	18.5	3.68E	0.829	0.670	0.956	0.775B	0.425B	23
24	0.183B	0.163B	0.157B	157	32.5E	20.1	6.15A	0.748	0.598	1.06	0.780B	0.435B	24
25	0.175B	0.162B	0.160B	159	30.6A	14.4	6.26A	0.698	0.623	1.10	0.810B	0.450B	25
26	0.170B	0.160B	0.161B	107	29.3	13.0	5.70E	0.632	0.639	1.06	0.820B	0.380B	26
27	0.166B	0.161B	0.161B	82.4	33.4	11.5	5.05E	0.887	0.683	1.16	0.820B	0.310B	27
28	0.165B	0.163B	0.160B	75.0	45.9	10.4	4.60E	0.901	0.688	1.07 B	0.870B	0.258B	28
29	0.164B		0.159B	85.0	43.8	9.79	4.48E	0.757	0.696	1.04 B	0.885B	0.213B	29
30	0.165B		0.157B	82.1	37.6	9.13	5.60E	0.642	0.858	1.13 B	0.820B	0.177B	30
31	0.166B		0.155B		34.5		7.45E	0.739		1.32 B		0.150B	31
TOTAL	4.084	4.527	4.879	842.289	1 513.8	912.32	155.43	61.327	22.132	30.430	30.240	13.838	TOTAL
MEAN	0.132	0.162	0.157	28.1	48.8	30.4	5.01	1.98	0.738	0.982	1.01	0.446	MEAN
MAX	0.195	0.171	0.164	159	87.6	110	8.43	6.60	1.03	1.32	1.32	0.820	MAX
MIN	0.090	0.150	0.149	0.156	29.3	9.13	3.13	0.632	0.536	0.755	0.775	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.85
MAXIMUM DAILY, 159 ON APR 25
MINIMUM DAILY, 0.090B ON JAN 15
MAXIMUM INSTANTANEOUS,
215 AT 16:32 PST ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 25 N
LONG 120 33 45 W
DRAINAGE AREA, 3 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	353	JUL	13 400
FEB	391	AUG	5 300
MAR	422	SEP	1 910
APR	72 800	OCT	2 630
MAY	131 000	NOV	2 610
JUN	78 800	DEC	1 200

TOTAL DISCHARGE, 311 000 dam³

KISPIOX RIVER NEAR HAZELTON - STATION NO. 08EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4B	13.7B	12.4B	23.8B	53.9	145	87.2	44.5E	22.1E	81.0	31.7E	11.0 B	1
2	15.3B	13.2B	12.2B	23.6B	54.8	122	85.1	40.5E	36.2E	57.4	27.2E	10.5 B	2
3	15.2B	12.7B	12.1B	22.8B	51.5	126	105	39.6E	27.9E	49.6E	26.6E	10.1 B	3
4	15.1B	12.3B	12.1B	22.1B	51.1	131	88.3	53.5E	16.5E	39.6E	24.6E	9.63B	4
5	15.0B	12.2B	11.9B	21.2B	55.2	110	72.9	53.5E	12.5E	33.7E	22.1E	9.20B	5
6	14.8B	12.1B	11.9B	20.7B	68.6	98.5	63.2	56.9	14.7E	27.9E	56.1E	8.64B	6
7	14.6B	12.0B	11.9B	20.1B	89.8	88.8	57.9	52.4E	56.9	29.2E	53.5E	8.21B	7
8	14.5B	12.0B	11.9B	19.4B	102	79.0	54.9E	48.4E	44.5E	37.7E	45.9E	7.99B	8
9	14.4B	11.9B	11.8B	19.0B	161	70.4	53.5E	47.0E	81.0	43.0E	41.1E	7.70B	9
10	14.2B	11.9B	11.8B	18.5B	136	69.0	57.4	40.5E	92.6	36.2E	47.0E	7.48B	10
11	14.1B	12.1B	11.8B	18.4B	107	76.5	62.2	36.2E	85.6	27.9E	52.4E	7.22B	11
12	14.0B	12.3B	11.8B	18.3B	94.9	91.5	72.9	30.6E	62.7	22.8E	60.3	7.05B	12
13	14.0B	12.9B	11.7B	18.4E	95.4	97.4	79.5	24.0E	56.1E	19.0E	54.9E	6.80B	13
14	13.9B	13.6B	11.7B	20.9E	116	93.6	79.5	17.2E	47.0E	18.4E	51.0E	6.71B	14
15	13.8B	14.0B	11.7B	20.9E	160	99.6	78.5	16.5E	53.5E	22.8E	44.5E	6.51B	15
16	13.8B	14.2B	11.7B	22.8E	153	93.1	77.5	14.7E	48.4E	59.8	41.1E	6.34B	16
17	13.6B	14.3B	11.7B	25.9E	157	79.5	77.5	17.6E	42.5E	53.5E	39.1E	6.20B	17
18	13.5B	14.2B	11.7B	25.3E	149	68.5	73.4	14.2E	39.6E	44.5E	33.7E	6.00B	18
19	13.4B	14.1B	11.7B	27.9E	148	73.4	75.4	12.3E	39.1E	53.5E	32.6E	5.92B	19
20	13.3B	14.0B	11.7B	28.6E	162	101	70.9	11.6E	32.6E	40.5E	29.7E	5.78B	20
21	13.2B	13.8B	11.7B	33.1E	158	93.6	59.3	11.5E	25.3E	31.7E	29.7E	5.66B	21
22	13.1B	13.6B	11.7B	37.1E	150	87.2	57.4	18.4E	22.1E	25.9E	29.2E	5.55B	22
23	13.0B	13.5B	11.8B	40.5E	138	83.1	57.9	12.8E	22.8E	22.1E	26.6E	5.47B	23
24	14.0B	13.3B	11.8B	45.6	169	84.1	58.4	11.6E	18.4E	27.2E	23.4E	5.38B	24
25	15.1B	13.2B	11.9B	46.7	219	82.6	60.3	30.6E	15.3E	34.5E	20.3E	5.30B	25
26	16.1B	13.0B	12.3B	44.5	241	82.1	60.8	58.8	13.0E	44.5E	14.0E	5.24B	26
27	16.6B	12.8B	14.2B	41.1E	206	75.4	57.9	44.5E	11.9E	35.7E	15.3B	5.18B	27
28	16.3B	12.6B	18.4B	42.5E	164	68.0	56.6E	43.0E	12.5E	31.1E	14.0B	5.13B	28
29	15.7B		21.5B	44.8	156	78.0	55.8E	42.5E	16.5E	27.9E	12.6B	5.07B	29
30	15.1B		22.9B	46.3	181	102	54.7E	27.9E	20.9E	24.0E	11.6B	5.01B	30
31	14.4B		23.8B		183		53.8E	20.9E		27.9E		4.98B	31
TOTAL	448.5	365.5	409.2	860.8	4 131.2	2 749.9	2 105.6	994.2	1 090.7	1 130.5	1 011.8	212.95	TOTAL
MEAN	14.5	13.1	13.2	28.7	133	91.7	67.9	32.1	36.4	36.5	33.7	6.87	MEAN
MAX	16.6	14.3	23.8	46.7	241	145	105	58.8	92.6	81.0	60.3	11.0	MAX
MIN	13.0	11.9	11.7	18.3	51.1	68.0	53.5	11.5	11.9	18.4	11.6	4.98	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.5
MAXIMUM DAILY, 241 ON MAY 26
MINIMUM DAILY, 4.98B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 28 00 N
LONG 127 44 31 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	182 000
FEB	31 600	AUG	85 900
MAR	35 400	SEP	94 200
APR	76 400	OCT	97 700
MAY	357 000	NOV	87 400
JUN	238 000	DEC	18 400

TOTAL DISCHARGE, 1 340 000 dam³

KITIMAT RIVER BELOW HIRSCH CREEK - STATION NO. 08FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	130 E	52.3	49.1	75.1A	153	197	217A	97.0	75.8	470	128	82.8	1
2	96.0E	51.8	48.7	55.6A	127	179	304A	89.5	89.8	155	129	111	2
3	77.0E	49.4	52.7	60.0E	110	267	241A	93.0	80.6	103	195	74.4	3
4	66.0E	47.3	49.3	74.0E	108	228	174A	125	67.6	81.0	149	61.4	4
5	97.3A	43.3	44.1	83.5A	129	182	105A	127	66.9	71.5	214	57.3	5
6	145	42.0	43.1	89.8A	165	186	136	122	123	69.8	318	54.4	6
7	151	40.8	42.3	87.7A	185	98.8A	118	127	107	81.7	180	50.5	7
8	118	39.5	43.4	73.0A	178	123 A	111	146	93.6	103	301	47.3	8
9	130	36.2	47.3	64.2A	189	103 A	110	149	219	93.3	748	44.8	9
10	150	34.0B	47.2	65.1	146	153 A	116	138	203	79.1	448 A	45.0	10
11	141	32.0B	47.5	57.8	123	186 A	151	126	284	67.9	930	43.0	11
12	118	31.0B	47.3	51.8	125	160 A	194	114	150	66.8	592	39.7	12
13	170	29.5B	46.3	50.0	147	150 A	205	98.2	95.6	67.5	174 A	40.8	13
14	153	161	47.6	69.9	155	189 A	200	91.5	75.6	69.9	141	43.3	14
15	121	227	51.3	85.8	216	174 A	217A	94.1	75.5	85.1	117	43.7	15
16	101	156	57.4	96.5	252	167	238A	92.3	68.4	129	96.9	44.8	16
17	98.8	111	52.9	84.7	213	141	221A	84.2	64.5	98.9	82.9	44.1	17
18	116	223	48.6	67.0	194	133	227A	78.2	81.8	121	73.9	43.0	18
19	490	150	47.0	62.9	226	178	217A	79.7	81.8	117	98.3	50.1	19
20	264	112	45.7	69.1	257	205	177A	75.8	63.8	75.2	110	53.9	20
21	291	267	45.2	89.7	262	165	148A	81.1	56.3	59.4	114	46.0	21
22	384	337	45.2	95.7	224	144	133A	109	53.8	54.2	98.0	42.6	22
23	279	135	45.8	136	226	149	174A	77.8	53.6	51.2	87.7	40.9	23
24	162	89.9	46.0	155	282	165	163A	98.7	51.7	51.5	75.8	47.7	24
25	123	70.1	52.3	103	447	169	160A	117	47.7	57.3	71.2	48.0	25
26	102	61.0	55.0	81.4	311	167	175	119	46.8	61.0	62.8	44.9	26
27	87.6	55.2	56.2	85.4	226	151	156	85.5	45.7	59.0	56.2	42.4	27
28	74.9	51.0	193	119	187	146	136	74.7	45.4	59.7	58.2	40.3	28
29	65.0		147	98.0	223	267	124	67.5	45.9	61.1	73.1	39.4B	29
30	58.1		71.0A	120	301	230 E	113	60.8	313	80.8	62.3	38.7B	30
31	54.8		71.0A		250		108	58.3		216		38.0B	31
TOTAL	4 614.5	2 735.3	1 786.5	2 506.7	6 337	5 152.8	5 269	3 096.9	2 927.2	3 012.9	5 981.3	1 544.2	TOTAL
MEAN	149	97.7	57.6	83.6	204	172	170	99.9	97.6	97.2	199	49.8	MEAN
MAX	490	337	193	155	447	267	304	149	313	470	930	111	MAX
MIN	54.8	29.5	42.3	50.0	108	98.8	105	58.3	45.4	51.2	56.2	38.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 123
MAXIMUM DAILY, 930 ON NOV 11
MINIMUM DAILY, 29.5B ON FEB 13
MAXIMUM INSTANTANEOUS,
1 180 AT 14:10 PST ON NOV 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 03 34 N
LONG 128 40 29 W
DRAINAGE AREA, 1 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	399 000	JUL	455 000
FEB	236 000	AUG	268 000
MAR	154 000	SEP	253 000
APR	217 000	OCT	260 000
MAY	548 000	NOV	517 000
JUN	445 000	DEC	133 000

TOTAL DISCHARGE, 3 890 000 dam³

KITSAULT RIVER ABOVE KLAYDUC CREEK - STATION NO. 08DB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	41.3	40.1	42.5	14.4	143	20.5	6.60E	1
2	---	---	---	---	---	46.1	53.4	43.7	12.6	75.9	21.5	6.40E	2
3	---	---	---	---	---	51.1	67.7	53.4	13.5	35.4	20.5	6.20E	3
4	---	---	---	---	---	41.4	41.3	54.7	17.4	21.5	11.9	6.00E	4
5	---	---	---	---	---	36.5	37.7	64.5	22.5	13.6	84.3	5.85E	5
6	---	---	---	---	---	32.9	28.1	62.5	65.1	14.5	40.0 E	5.65E	6
7	---	---	---	---	---	30.5	29.3	58.6	85.6	22.6	18.0 E	5.40E	7
8	---	---	---	---	---	28.1	30.5	51.5	205	30.6	15.0 E	5.10E	8
9	---	---	---	---	---	26.9	34.1	46.1	209 E	27.0	17.5 E	4.90E	9
10	---	---	---	---	---	28.1	29.3	41.3	213	11.9	22.0 E	5.40E	10
11	---	---	---	---	---	35.3	34.1	35.3	181	11.9	44.0 E	5.10E	11
12	---	---	---	---	---	36.5	42.5	25.8	42.E	9.48	23.0 E	4.80E	12
13	---	---	---	---	---	38.9	49.7	24.7	42.6	10.3	17.0 E	4.55E	13
14	---	---	---	---	---	41.3	48.5	24.7	43.E	13.6	14.5 E	4.45E	14
15	---	---	---	---	---	46.1	48.5	25.8	47.E	53.5	12.7 E	4.35E	15
16	---	---	---	---	---	36.5	50.9	25.3	42.6	29.4	11.8 E	4.25E	16
17	---	---	---	---	---	28.1	49.7	22.5	40.2	23.7	11.0 E	4.20E	17
18	---	---	---	---	---	28.1	59.9	21.4	39.0	53.5	10.4 E	4.10E	18
19	---	---	---	---	---	40.1	61.2	20.4	37.8	51.0	9.90E	4.05E	19
20	---	---	---	---	39.6	38.9	48.5	19.4	36.6	34.2	9.50E	4.45E	20
21	---	---	---	---	41.7E	37.7	37.7	17.4	28.2	14.5	9.00E	4.30E	21
22	---	---	---	---	43.8E	37.7	37.7	16.4	35.4	12.7	8.60E	4.10E	22
23	---	---	---	---	45.9E	38.9	38.9	17.4	13.6	20.5	8.20E	4.00E	23
24	---	---	---	---	47.9E	40.1	42.5	23.6	11.9	31.8	7.90E	3.85E	24
25	---	---	---	---	50.0E	42.5	48.5	37.7	11.1	47.4	7.65	3.75E	25
26	---	---	---	---	52.1	40.1	46.1	35.3	10.3	30.6	7.40E	3.55E	26
27	---	---	---	---	41.3	43.7	43.7	23.6	11.1	14.5	7.25E	3.40E	27
28	---	---	---	---	40.1	38.9	38.9	24.7	11.1	13.6	7.10E	3.25E	28
29	---		---	---	52.1	46.1	35.3	15.4	13.6	11.9	6.95E	3.10E	29
30	---		---	---	56.0	41.3	36.5	16.4	23.7	12.7	6.80E	3.00E	30
31	---		---		44.9		38.9	14.4		21.5		2.90E	31
TOTAL	---	---	---	---	---	1 139.7	1 329.7	1 006.4	1 581.7	918.28	511.85	141.00	TOTAL
MEAN	---	---	---	---	---	38.0	42.9	32.5	52.7	29.6	17.1	4.55	MEAN
MAX	---	---	---	---	---	51.1	67.7	64.5	213	143	84.3	6.60	MAX
MIN	---	---	---	---	---	26.9	28.1	14.4	10.3	9.48	6.80	2.90	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 213 ON SEP 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 33 40 N
LONG 129 30 11 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	115 000
FEB	---	AUG	87 000
MAR	---	SEP	137 000
APR	---	OCT	79 300
MAY	---	NOV	44 200
JUN	98 500	DEC	12 200

KITSUCKSUS CREEK ABOVE CHERRY CREEK - STATION NO. 08HB063

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.657	0.586	0.223	0.192	0.032	---	---	---	---	1
2	---	---	---	0.565	0.589	0.221	0.153	0.024	---	---	---	---	2
3	---	---	---	0.518	0.572	0.340	0.126	0.016	---	---	---	---	3
4	---	---	---	0.451	0.512	0.205	0.130E	0.014E	---	---	---	---	4
5	---	---	---	0.869	0.397	0.361	0.133E	0.011	0.245E	---	---	---	5
6	---	---	---	0.582	0.438	0.205	0.138	0.009	0.217	---	---	---	6
7	---	---	---	0.477	0.509	0.316	0.179	0.005	0.191E	---	---	---	7
8	---	---	---	0.477	0.657	0.246	0.124	0.002	0.167	---	---	---	8
9	---	---	---	0.426	0.562E	0.190	0.126	0.030	0.141	---	---	---	9
10	---	---	---	0.890	0.458	0.208	0.260	0.019	0.144	---	---	---	10
11	---	---	---	1 1	0.419	0.161	0.161E	0.012	0.091E	---	---	---	11
12	---	---	---	0.948E	0.391	0.164	0.138	0.024	0.051	---	---	---	12
13	---	---	---	0.840E	0.388	0.158	0.124	0.024	0.049	---	---	---	13
14	---	---	---	0.746	0.394	0.146	0.126	0.005	0.036	---	---	---	14
15	---	---	---	0.596	0.442	0.146	0.100	0.017	0.032	---	---	---	15
16	---	---	0.373	0.695	0.331	0.146	0.057	0.021E	0.029	---	---	---	16
17	---	---	---	0.586	0.322	0.148	0.064	0.032	0.017	---	---	---	17
18	---	---	---	0.522	0.316	0.260	0.078	0.059	0.147E	---	---	---	18
19	---	---	---	0.470	0.422	0.285	0.078	0.027	---	---	---	---	19
20	---	---	---	0.458	0.334	0.226	0.062	0.049	---	---	---	---	20
21	---	---	---	0.413	0.316	0.179	0.052	0.030	---	---	---	---	21
22	---	---	---	0.797	0.260	0.178	0.054	0.036	---	---	---	---	22
23	---	---	---	0.869	0.265	0.223	0.050	0.013	---	---	---	---	23
24	---	---	---	0.768	0.293	0.203	0.042E	0.119	---	---	---	---	24
25	---	---	---	0.684	0.515	0.158	0.034E	0.021	---	---	---	---	25
26	---	---	---	0.535	0.445	0.166	0.026E	0.064	---	---	---	---	26
27	---	---	---	0.586	0.340	0.169	0.019	0.119	---	---	---	---	27
28	---	---	---	0.722	0.268	0.174	0.024	0.160	---	---	---	---	28
29	---		---	0.657	0.234	0.205	0.122	0.182E	---	---	---	---	29
30	---		---	0.582	0.234	0.192	0.077	0.154	---	---	---	---	30
31	---		---		0.229		0.041	0.178E		---		---	31
TOTAL	---	---	---	19.456	12.438	6.198	3.090	1.508	---	---	---	---	TOTAL
MEAN	---	---	---	0.649	0.401	0.207	0.100	0.049	---	---	---	---	MEAN
MAX	---	---	---	1.11	0.657	0.361	0.260	0.182	---	---	---	---	MAX
MIN	---	---	---	0.413	0.229	0.146	0.019	0.002	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 04 N
LONG 124 47 58 W
DRAINAGE AREA, 15.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	267
FEB	---	AUG	130
MAR	---	SEP	---
APR	1 680	OCT	---
MAY	1 070	NOV	---
JUN	536	DEC	---

KLAPPAN RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6B	16.4B	14.6B	11.8B	30.8B	309	187	175	84.9	73.5	50.0	39.0	1
2	21.8B	16.4B	14.6B	11.6B	32.4	267	198	159	78.0	70.4	47.3	39.1	2
3	21.8B	16.2B	14.5B	11.4B	33.1	253	250	161	70.7	64.3	48.1	36.0	3
4	20.9B	16.0B	14.3B	11.3B	34.6	257	236	182	66.7	60.2	48.3	32.4	4
5	20.6B	15.9B	14.0B	11.2B	37.6	231	192	196	68.2	55.6	51.9	33.5	5
6	20.4B	16.0B	13.9B	11.2B	42.4	209	168	216	91.5	54.6	59.5	31.0B	6
7	20.0B	16.1B	13.8B	11.1B	47.6	192	147	189	148	53.7	48.0	28.3B	7
8	19.0B	16.1B	14.0B	11.1B	56.8	176	132	170	146	52.7	46.1	26.0B	8
9	18.9B	16.0B	14.0B	10.9B	68.1	166	124	161	215	51.3	49.8	24.4B	9
10	19.0B	15.8B	13.9B	10.4B	76.0	168	137	159	206	49.8	51.9	24.0B	10
11	19.1B	15.6B	13.7B	10.3B	75.8	180	185	142	194	48.1	52.4	23.5B	11
12	18.9B	15.5B	13.7B	10.2B	79.9	207	255	133	156	46.9	60.8	23.5B	12
13	18.5B	15.3B	13.6B	10.2B	83.6	236	290	118	124	46.3	55.8	23.2B	13
14	18.2B	15.2B	13.5B	10.4B	86.6	256	305	113	107	48.4	50.7	23.1B	14
15	18.0B	15.3B	13.4B	10.6B	93.5	268	318	111	124	64.7	48.8	23.1B	15
16	17.9B	15.3B	13.1B	11.0B	103	254	322	112	185	88.1	45.0	23.0B	16
17	18.0B	15.4B	12.8B	12.0B	117	237	326	99.0	132	69.4	40.7	22.9B	17
18	18.0B	15.4B	12.5B	13.0B	136	224	345	92.8	150	68.4	40.8	22.8B	18
19	18.1B	15.5B	12.3B	14.0B	160	229	375	96.7	146	70.9	43.9	22.8B	19
20	18.3B	15.3B	12.2B	15.0B	176	232	358	97.8	111	61.3	47.3	22.5B	20
21	18.1B	15.1B	12.2B	16.0B	185	233	281	113	96.1	55.2	47.6	21.6B	21
22	18.0B	14.9B	12.3B	17.5B	197	245	257	119	87.3	56.0	43.4	20.0B	22
23	17.8B	14.7B	12.4B	18.5B	205	248	245	91.8	82.9	54.9	42.5	18.3B	23
24	17.4B	14.5B	12.5B	20.8B	219	252	241	85.6	77.9	63.1	41.4	18.2B	24
25	17.1B	14.3B	12.6B	22.3B	272	251	265	114	75.1	68.2	41.7	18.0B	25
26	17.0B	14.3B	12.7B	22.6B	347	229	290	154	71.0	64.9	39.3	17.7B	26
27	16.9B	14.4B	12.7B	22.8B	350	209	247	119	67.6	59.6	35.5	16.6B	27
28	16.7B	14.5B	12.5B	24.0B	294	195	231	116	66.3	57.3	37.2	14.8B	28
29	16.6B		12.3B	26.0B	299	195	226	101	63.8	55.3	39.3	13.3B	29
30	16.4B		12.1B	29.0B	317	195	215	90.4	63.5	53.3	36.8	12.9B	30
31	16.3B		11.9B		334		195	91.4		51.3		12.6B	31
TOTAL	575.3	431.4	408.6	448.2	4 589.8	6 803	7 543	4 078.5	3 315.5	1 833.7	1 390.8	728.1	TOTAL
MEAN	18.6	15.4	13.2	18.9	148	227	243	132	111	59.2	46.4	23.5	MEAN
MAX	21.8	16.4	14.6	29.0	350	309	375	216	215	84.1	60.8	39.1	MAX
MIN	16.3	14.3	11.9	10.2	30.8	166	124	85.6	63.5	46.3	35.5	12.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.1
MAXIMUM DAILY, 375 ON JUL 19
MINIMUM DAILY, 10.2B ON APR 12
MAXIMUM INSTANTANEOUS,
390 AT 23:35 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 00 N
LONG 129 42 14 W
DRAINAGE AREA, 3 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 700	JUL	652 000
FEB	37 300	AUG	352 000
MAR	35 300	SEP	286 000
APR	38 700	OCT	158 000
MAY	397 000	NOV	120 000
JUN	588 000	DEC	62 900

TOTAL DISCHARGE, 2 780 000 dam³

KLINAKLINI RIVER EAST CHANNEL (MAIN) NEAR THE MOUTH - STATION NO. 08GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	283 E	99.7	75.9E	72.7	328E	415E	495E	676	602	720	517	79.6	1
2	244 E	98.9	73.3E	69.6	290E	388E	560E	659	518	461	628	83.5	2
3	201 E	92.0	71.4E	66.7	260E	410E	620E	657	484	316	543	74.3	3
4	190 E	91.6	69.4E	65.5	232E	440E	700E	644	466	221	448	70.8	4
5	180 E	87.1	68.8E	76.1	210E	465E	650E	635	461	182	356	77.4	5
6	167 E	82.3	68.0E	72.1	206E	500E	495E	738	458	196	291	74.5	6
7	157 E	78.9	67.7E	67.4	200E	445E	555A	860	565	250	263	67.1	7
8	147 E	79.4	67.1E	68.1	192E	385E	506	982	696	274	237	62.2	8
9	142 E	75.5	66.3E	66.2	175A	360A	462	1 010	810	207	233	57.6	9
10	134 E	63.9	65.4A	63.7A	175	357	470	1 040	759	159	237	57.2	10
11	126 E	67.2	69.1	68.0E	166	360	512	1 040	645	136	464	57.2	11
12	121 E	71.4	69.8	67.5E	162A	340	588	1 010	519	120	487	53.6	12
13	113 E	78.5	69.0	64.0E	184	320E	652	933	445	115	371	47.7	13
14	106 A	94.2	71.8	62.5E	200	310E	665	919	431	129	291	51.2	14
15	103	124	73.9	61.5E	215	330E	709	875	475	141	234	52.6	15
16	97.1	133	70.6	60.5E	222	355E	795	817	570	167	197	49.6	16
17	97.0	135	69.1	62.0E	224	345E	862	785	654	180	164	49.6	17
18	99.3	147	69.5	63.0E	238	322E	912	822	811	178	141	52.3	18
19	189	149	70.9	58.3E	289	350E	947	829	712	172	129	56.7	19
20	263	149	71.4	64.0E	328E	388E	892	758	489	146	122	62.8	20
21	295	130 A	65.5	70.0E	390E	375E	845	686	402	121	126	55.8	21
22	285	119 E	67.2	105 E	410E	355E	810	652	339	110	128	51.6	22
23	238	112 E	66.9	215 E	440E	342E	821	690	291	108	115	50.6	23
24	202	102 E	66.9	300 E	520E	333E	884	773	244	107	101	51.3	24
25	186	96.3E	65.4A	238 E	586E	329E	921	699	209	153	92.2	51.0	25
26	174	90.6E	65.0	175 E	505E	345E	983	563	191	166	85.6	50.0	26
27	159	85.0E	64.9	150 E	460E	350E	975	515	189	186	78.5	48.0	27
28	143	80.7E	66.3	142 E	400E	355E	917	470	231	231	72.9	45.3	28
29	130		69.8	138 E	380E	400E	816	450	210	177	72.8	44.0	29
30	119		70.5	192 E	420E	440E	749	462	284	150	72.4	42.4	30
31	110		75.1		460E		708	506		546		42.2	31
TOTAL	5 200.4	2 813.2	2 141.9	3 034.4	9 467	11 209	22 476	23 155	14 160	6 525	7 297.4	1 769.7	TOTAL
MEAN	168	100	69.1	101	305	374	725	747	472	210	243	57.1	MEAN
MAX	295	149	75.9	300	586	500	983	1 040	811	720	628	83.5	MAX
MIN	97.0	63.9	64.9	58.3	162	310	462	450	189	107	72.4	42.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 299
MAXIMUM DAILY, 1 040 ON AUG 10
MINIMUM DAILY, 42.2 ON DEC 31
MAXIMUM INSTANTANEOUS,
1 100 AT 00:08 PST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 36 N
LONG 125 36 06 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	449 000	JUL	1 940 000
FEB	243 000	AUG	2 000 000
MAR	185 000	SEP	1 220 000
APR	262 000	OCT	564 000
MAY	818 000	NOV	630 000
JUN	968 000	DEC	153 000

TOTAL DISCHARGE, 9 430 000 dam³

KLINAKLINI RIVER WEST CHANNEL (OVERFLOW) NEAR THE MOUTH - STATION NO. 08GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.07 E	1.21	2.10 E	0.402	24.0 E	6.17	8.61	41.5 E	20.0 E	5.48	18.8	2.76 A	1
2	2.01 E	1.26	1.95 E	0.428	15.0 E	6.02	8.20	36.0 E	16.8 E	6.16	20.9	3.22 E	2
3	1.96 E	1.15	1.58 E	0.383	10.0 E	6.95	15.0	31.0 E	13.2 E	5.25	10.1	2.68 E	3
4	1.86 E	1.18	1.35 E	0.400	6.60E	7.81	22.4	27.3 E	11.2 E	4.21	4.88	2.30 E	4
5	1.74 E	1.06	1.15 E	0.864	5.10E	6.77	20.3	25.4 E	9.30E	3.41	3.71	2.70 E	5
6	1.66 E	1.02	0.950E	0.833	3.95E	6.84	16.4	33.5 E	8.20E	3.13	3.29	2.50 E	6
7	1.57 E	1.02	0.900E	0.736	3.35E	5.46	9.48	44.0 E	12.3 E	3.46	3.10	2.32 E	7
8	1.49 E	0.960	0.730E	0.756	2.90E	4.53	6.48	55.0 E	20.0 E	3.65	3.18	2.13 E	8
9	1.40 E	0.834	0.650E	0.651	2.38E	4.15	5.06	71.0 E	30.0 E	3.50	2.98	2.00 E	9
10	1.32 E	0.729	0.590A	0.547	2.05E	3.93	5.71	91.0 E	22.3 E	3.21	5.38	1.98 E	10
11	1.27 E	0.791	0.581	0.621	1.70E	3.77	7.04	111 A	16.4 E	2.89	22.0	1.95 E	11
12	1.16 E	0.877A	0.569	0.551	1.32A	3.59	10.5	90.0 E	12.4 E	2.46	7.45	1.63 E	12
13	1.12 E	0.998E	0.602	0.482	1.51	3.39	15.4	75.0 E	9.50E	2.21	4.61	1.38 E	13
14	1.09 A	1.50 E	0.590	0.483	1.62	3.23	16.6	64.3 A	6.00E	2.21	3.91	1.52 E	14
15	0.949	2.30 E	0.590	0.525	1.80	3.19	21.0	59.8 A	7.90E	2.20	3.57	1.68 E	15
16	0.902	3.00 E	0.593	0.608	1.61	3.52	30.3	44.5 A	10.8 E	2.24	3.31	1.45 E	16
17	0.954	4.40 E	0.488	0.606	1.53	3.23	42.6	36.7 A	15.0 E	2.24	3.04	1.48 E	17
18	1.46	5.20 E	0.527	0.552	1.81	2.95	50.3 A	41.9 A	24.0 E	2.22	2.81	1.75 E	18
19	9.68	6.30 E	0.456	0.626	2.81	2.98	68.0 E	43.9 A	16.0 E	2.17	2.66	2.08 E	19
20	6.63	6.20 E	0.462	0.679	3.49	3.08	51.0 E	33.1 A	9.90E	2.00	2.56	2.30 E	20
21	10.1	5.40 E	0.501	0.725	4.52	3.03	40.5 E	21.4 A	5.90E	1.91	2.74	2.16 E	21
22	6.71	4.55 E	0.514	1.77	4.70	2.96	32.5 E	17.0 A	3.75E	1.79	2.80	2.00 E	22
23	4.05	4.10 E	0.597	11.1 A	4.38	2.95	45.0 E	21.0 A	2.90E	1.70	2.59	1.70 E	23
24	3.07	3.65 E	0.453	16.0 E	8.06	2.96	62.0 E	30.7 A	2.25E	1.70	2.36	1.52 E	24
25	2.50	3.40 E	0.450	13.5 E	12.8	3.22	83.0 E	25.3 A	1.70E	1.80	2.24	1.47 E	25
26	2.36	3.10 E	0.296	10.5 E	11.3	4.45	99.0 E	3.48A	1.63E	1.85	2.10	1.40 E	26
27	2.08	2.80 E	0.308	8.20 E	8.09	4.35	85.0 E	6.14A	1.60E	1.85	2.03	1.33 E	27
28	1.85	2.55 E	0.352	6.40 E	6.30	3.96	72.5 E	5.20A	1.72E	2.43	1.96	1.20 E	28
29	1.58		0.293	5.20 E	6.07	4.51	64.0 E	3.83A	1.81A	2.52	1.98	1.09 E	29
30	1.47		0.344	10.2 E	6.14	8.93	55.0 E	6.50E	2.19	2.61	2.09	1.00 E	30
31	1.34		0.541		6.66		48.0 E	11.4 E		28.7		0.950E	31
TOTAL	79.405	71.539	22.057	95.328	173.55	132.88	1 116.88	1 213.85	316.65	113.16	151.13	57.630	TOTAL
MEAN	2.56	2.55	0.712	3.18	5.60	4.43	36.0	39.2	10.6	3.65	5.04	1.86	MEAN
MAX	10.1	6.30	2.10	16.0	24.0	8.93	99.0	111	30.0	28.7	22.0	3.22	MAX
MIN	0.902	0.729	0.293	0.383	1.32	2.95	5.06	3.83	1.60	1.70	1.96	0.950	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.71
MAXIMUM DAILY, 111A ON AUG 11
MINIMUM DAILY, 0.293 ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 28 N
LONG 125 36 43 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 860	JUL	96 500
FEB	6 180	AUG	105 000
MAR	1 910	SEP	27 400
APR	8 240	OCT	9 780
MAY	15 000	NOV	13 100
JUN	11 500	DEC	4 980

TOTAL DISCHARGE, 306 000 dam³

KLO CREEK AT MCCULLOCH ROAD - STATION NO. 08NM226

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.159E	0.045B	0.088E	0.099E	1.97	1.74	0.569	0.156	0.054	0.045	0.125	0.222	1
2	0.150E	0.042B	0.088E	0.099E	1.27	1.60	0.374	0.142	0.051	0.052	0.117	0.260	2
3	0.144E	0.040B	0.088E	0.099E	0.697	1.10	0.292	0.139	0.045	0.051	0.106	0.191	3
4	0.144E	0.040B	0.085E	0.096E	0.626	0.413	0.246	0.133	0.042	0.048	0.092	0.248	4
5	0.147E	0.040B	0.079E	0.093E	0.583	0.345	0.210	0.125	0.042	0.048	0.085	0.278	5
6	0.147E	0.040B	0.074E	0.091E	0.697	0.430	0.204	0.108	0.040	0.101	0.076	0.280	6
7	0.147E	0.037B	0.076E	0.088E	0.654	0.334	0.580	0.096	0.037	0.255	0.071	0.273	7
8	0.147E	0.031B	0.085E	0.088E	0.524	0.371	0.750	0.082	0.034	0.178	0.069	0.273	8
9	0.142E	0.028B	0.088E	0.085E	0.680	0.660	0.549	0.076	0.034A	0.141	0.067	0.267	9
10	0.119E	0.024B	0.085E	0.082E	0.728	0.946	0.530	0.065	0.033	0.115	0.065	0.265	10
11	0.108E	0.025B	0.085E	0.082E	0.742	1.12	0.561	0.062	0.032	0.100	0.066	0.239	11
12	0.110E	0.031B	0.091E	0.082E	0.858	1.08	0.462	0.057	0.031	0.089	0.084	0.204B	12
13	0.122A	0.037B	0.088E	0.082E	0.850	1.12	0.614	0.054	0.030	0.076	0.094	0.204B	13
14	0.116B	0.048B	0.085E	0.082A	1.05	1.14	1.19	0.048	0.029	0.068	0.095	0.210B	14
15	0.108B	0.068B	0.093E	0.085	1.78	1.04	0.765	0.048	0.029	0.064	0.095	0.212B	15
16	0.093B	0.085B	0.096A	0.096	1.54	0.983	0.609	0.068	0.029	0.062	0.093	0.210B	16
17	0.082B	0.108B	0.085E	0.108	1.70	0.883	0.493	0.150	0.027	0.060	0.088	0.207B	17
18	0.079B	0.113B	0.076A	0.125	2.14	0.864	0.447	0.093	0.027	0.058	0.084	0.210B	18
19	0.074B	0.108E	0.076E	0.144	4.25	0.923	0.422	0.068	0.056	0.056	0.081	0.221B	19
20	0.074B	0.105E	0.079E	0.187	7.22	0.872	0.484	0.062	0.063	0.054	0.078	0.212B	20
21	0.076B	0.105E	0.082E	0.212	11.9	0.804	0.405	0.057	0.053	0.049	0.076	0.181B	21
22	0.074B	0.102E	0.082E	0.255	6.88	0.787	0.345	0.051	0.050	0.049	0.074	0.176B	22
23	0.068B	0.096E	0.082E	0.382	6.12	0.671	0.309	0.048	0.048	0.048	0.074	0.178B	23
24	0.062B	0.091E	0.079E	1.57	6.51	0.345	0.331	0.042	0.047	0.049	0.070	0.181B	24
25	0.057B	0.093E	0.082E	0.923	13.0	0.303	0.320	0.040	0.051	0.052	0.064	0.176B	25
26	0.054B	0.091E	0.082E	0.617	9.54	0.272	0.280	0.037	0.051	0.053	0.064	0.164B	26
27	0.054B	0.088E	0.091E	0.479	6.37	0.255	0.238	0.034	0.050	0.055	0.062	0.161B	27
28	0.054B	0.091E	0.096E	0.445	3.57	0.241	0.201	0.034	0.048	0.105	0.057	0.159B	28
29	0.054B		0.099E	0.535	1.97	0.232	0.187	0.059	0.048	0.201	0.056	0.147B	29
30	0.051B		0.099E	1.17	2.67	0.252	0.173	0.059	0.045	0.158	0.054	0.125B	30
31	0.051B		0.102E		2.52		0.164	0.051		0.131		0.113B	31
TOTAL	3.067	1.852	2.666	8.581	101.609	22.126	13.304	2.344	1.256	2.671	2.382	6.447	TOTAL
MEAN	0.099	0.066	0.086	0.286	3.28	0.738	0.429	0.076	0.042	0.086	0.079	0.208	MEAN
MAX	0.159	0.113	0.102	1.57	13.0	1.74	1.19	0.156	0.063	0.255	0.125	0.280	MAX
MIN	0.051	0.024	0.074	0.082	0.524	0.232	0.164	0.034	0.027	0.045	0.054	0.113	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.461
MAXIMUM DAILY, 13.0 ON MAY 25
MINIMUM DAILY, 0.024B ON FEB 10
MAXIMUM INSTANTANEOUS,
35.7 AT 20:33 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 06 N
LONG 119 21 49 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	265	JUL 1	150
FEB	160	AUG	203
MAR	230	SEP	109
APR	741	OCT	231
MAY 8	780	NOV	206
JUN 1	910	DEC	557

TOTAL DISCHARGE, 14 500 dam³

KLOIYA RIVER NEAR PRINCE RUPERT - STATION NO. 08EG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.38	10.1	6.84	1.63	5.22	1.64	2.27	20.1	5.58	---	1
2	---	---	2.71	10.2	5.74	1.65	4.89	1.67	2.26	12.7	2.99 A	---	2
3	---	---	4.12	9.26	5.52	1.89	4.36	1.70	2.03	8.69	---	---	3
4	---	---	3.93	13.3	4.51	2.75	3.54	1.90	1.79	5.75	---	---	4
5	---	---	3.21	25.2	3.73	2.80	2.75	4.58	4.68	3.90	---	---	5
6	---	---	2.67	17.2	3.26	3.57	2.56	4.04	10.7	3.04	---	---	6
7	---	---	2.47	13.3	2.94	7.55	3.43	3.15	5.72	2.65	---	---	7
8	---	---	2.87	11.2	2.73	5.10	4.24	2.62	12.9	2.58	---	---	8
9	---	---	2.92	8.68	2.59	3.44	3.39	2.36	24.3	2.57	---	---	9
10	---	---	3.14	6.14	3.20	2.69	2.62	2.16	19.0	2.54	---	0.464A	10
11	---	---	3.00	4.44	3.54	2.87	2.19	1.99	16.7	2.42	---	0.445	11
12	---	---	2.63	3.21	2.92	2.99	1.93	1.87	11.6	2.28	---	0.434	12
13	---	---	2.40	2.80	2.61	2.65	1.74	1.82	6.58	2.20	---	0.429	13
14	---	---	2.34	16.7	2.52	2.41	1.62	1.74	5.68	2.11	2.33 A	0.426	14
15	---	---	2.19	19.8	2.56	2.21	1.63	1.68	9.46	2.80	1.67	0.426	15
16	---	---	2.32	15.9	2.62	2.19	1.62	1.67	10.1	5.06	0.998	0.425A	16
17	---	---	2.31	12.5	2.53	2.07	1.61	1.64	7.02	4.27	0.679	---	17
18	---	---	2.11	8.57	2.32	1.92	1.63	1.61	5.91	6.87	0.585	---	18
19	---	---	1.92	6.39	2.14	2.31	1.62	1.57	8.58	7.90	0.504	---	19
20	---	---	1.77	9.69	2.02	3.35	1.64	1.53	7.32	5.62	0.497	---	20
21	---	---	1.64	15.3	1.90	2.91	1.65	4.26	4.72	4.29	0.500	---	21
22	---	---	1.59	14.8	1.83	2.44	1.67	6.42	3.45	2.89	0.504	---	22
23	---	17.8 A	1.53	13.7	1.78	2.54	1.64	4.08	2.69	2.10	0.497	---	23
24	---	11.7	1.50	12.7	1.78	2.72	1.63	3.21	2.25	3.68	0.494	---	24
25	---	6.49	1.48	10.1	1.96	2.75	1.63	2.95	1.94	10.9	0.497	---	25
26	---	4.31	1.53	7.36	2.12	3.07	1.64	3.21	1.73	13.2	0.500	---	26
27	---	3.30	3.52	5.72	2.21	3.11	1.64	2.89	1.67	12.4	0.494	---	27
28	---	2.73	22.8	7.25	2.06	2.66	1.63	2.58	1.66	10.8	0.470A	---	28
29	---		20.2	7.71	1.88	5.83	1.67	2.33	2.04	10.7	---	---	29
30	---		12.8	7.14	1.81	7.58	1.63	2.16	10.7	10.9	---	2.63 A	30
31	---		10.6		1.70		1.65	2.01		9.84		2.33	31
TOTAL	---	---	132.60	326.36	87.87	93.65	72.31	79.04	207.45	197.75	---	---	TOTAL
MEAN	---	---	4.28	10.9	2.83	3.12	2.33	2.55	6.92	6.38	---	---	MEAN
MAX	---	---	22.8	25.2	6.84	7.58	5.22	6.42	24.3	20.1	---	---	MAX
MIN	---	---	1.48	2.80	1.70	1.63	1.61	1.53	1.66	2.10	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 25.2 ON APR 5

MAXIMUM INSTANTANEOUS,
26.6 AT 10:10 PST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 14 51 N
LONG 130 10 18 W

A - MANUAL GAUGE

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 250
FEB	---	AUG	6 830
MAR	11 500	SEP	17 900
APR	28 200	OCT	17 100
MAY	7 590	NOV	---
JUN	8 090	DEC	---

KNIGHT CREEK ABOVE DIVERSIONS - STATION NO. 08LE101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	--	0.034	0.063	0.136	0.120	0.057	0.037	---	---	---	1
2	---	---	---	0.034	0.076	0.136	0.112	0.057	0.037	---	---	---	2
3	---	---	---	0.031	0.076	0.136	0.112	0.052	0.037	---	---	---	3
4	---	---	---	0.034	0.076	0.136	0.105	0.052	0.037	---	---	---	4
5	---	---	---	0.034	0.069	0.136	0.105	0.047	0.037	---	---	---	5
6	---	---	---	0.031	0.076	0.136	0.112	0.047	0.037	---	---	---	6
7	---	---	---	0.031	0.069	0.144	0.128	0.047	0.034	---	---	---	7
8	---	---	---	0.031	0.069	0.144	0.112	0.047	0.031	---	---	---	8
9	---	---	---	0.031	0.069	0.160	0.105	0.047	0.031	---	---	---	9
10	---	---	---	0.031	0.063	0.152	0.097	0.043	0.029	---	---	---	10
11	---	---	---	0.031	0.063	0.152	0.090	0.043	0.029	---	---	---	11
12	---	---	---	0.029	0.063	0.144	0.090	0.040	0.029	---	---	---	12
13	---	---	---	0.031	0.063	0.136	0.090	0.040	0.029	---	---	---	13
14	---	---	---	0.029	0.063	0.144	0.090	0.037	0.029	---	---	---	14
15	---	---	---	0.029	0.069	0.144	0.090	0.037	0.026	---	---	---	15
16	---	---	---	0.031	0.063	0.144	0.083	0.037	0.026	---	---	---	16
17	---	---	---	0.029	0.063	0.152	0.076	0.040	0.026	---	---	---	17
18	---	---	---	0.029	0.063	0.152	0.076	0.040	0.026	---	---	---	18
19	---	---	---	0.029	0.069	0.152	0.069	0.037	0.037	---	---	---	19
20	---	---	---	0.034	0.069	0.152	0.069	0.037	0.026	---	---	---	20
21	---	---	---	0.037	0.076	0.144	0.069	0.037	0.026	---	---	---	21
22	---	---	---	0.040	0.076	0.152	0.069	0.037	0.026	---	---	---	22
23	---	---	---	0.043	0.076	0.144	0.063	0.037	0.026	---	---	---	23
24	---	---	---	0.052	0.083	0.136	0.090	0.037	0.026	---	---	---	24
25	---	---	---	0.057	0.128	0.136	0.090	0.037	0.026	---	---	---	25
26	---	---	---	0.057	0.105	0.128	0.063	0.037	0.026	---	---	---	26
27	---	---	---	0.057	0.097	0.120	0.063	0.034	0.026	---	---	---	27
28	---	---	---	0.052	0.097	0.120	0.063	0.037	0.026	---	---	---	28
29	---		---	0.057	0.097	0.120	0.057	0.037E	0.023	---	---	---	29
30	---		---	0.057	0.112	0.128	0.052	0.037	0.023	---	---	---	30
31	---		---		0.128		0.057	0.037		---		---	31
TOTAL	---	---	---	1.132	2.429	4.216	2.667	1.288	0.884	---	---	---	TOTAL
MEAN	---	---	---	0.038	0.078	0.141	0.086	0.042	0.029	---	---	---	MEAN
MAX	---	---	---	0.057	0.128	0.160	0.128	0.057	0.037	---	---	---	MAX
MIN	---	---	---	0.029	0.063	0.120	0.052	0.034	0.023	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.160 ON JUN 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 48 11 N
LONG 119 10 41 W
DRAINAGE AREA, 5.67 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	230
FEB	---	AUG	111
MAR	---	SEP	76.4
APR	97.8	OCT	---
MAY	210	NOV	---
JUN	364	DEC	---

KOKSILAH RIVER AT COWICHAN STATION - STATION NO. 08HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.7	10.1	7.72	15.5	8.08	2.49	2.17	0.708	0.564	7.32	59.6	27.0	1
2	15.2	9.04	7.40	11.0	8.37	2.30	2.04	0.722	0.550	10.1	25.5	61.2	2
3	13.1	7.84	7.14	9.47	8.70	2.17	1.83	0.708	0.521	6.88	16.9	45.6	3
4	11.7	7.24	6.64	7.50	8.92	2.17	1.66	0.679	0.492	5.10	11.4	21.6	4
5	10.3	6.66	6.20	31.2	7.65	2.26	1.53	0.679	0.485	4.36	7.36	127	5
6	11.9	6.22	5.76	18.5	7.84	3.74	1.43	0.636	0.478	5.88	6.72	46.4	6
7	10.6	6.00	5.42	12.7	7.28	3.46	1.50	0.607	0.470	13.4	6.26	38.6	7
8	10.0	5.68	5.10	11.0	6.96	3.61	1.53	0.614	0.463	15.1	5.64	38.0	8
9	7.79	5.60	4.86	9.86	6.64	3.87	1.48	0.564	0.456	11.0	5.13	42.0	9
10	7.84	5.38	4.66	9.88	4.84	3.64	1.40	0.528	0.449	8.13	4.52	43.9	10
11	7.98	5.17	4.27	9.81	4.56	3.58	1.66	0.478	0.442	6.80	13.5	35.8	11
12	7.82	4.95	4.02	10.4	4.45	3.13	1.78	0.434	0.434	5.38	24.1	22.2	12
13	7.72	8.66	3.89	9.95	4.34	3.08	1.80	0.442	0.434	4.59	15.2	22.2	13
14	5.92	31.3	3.72	9.88	4.20	2.78	1.75	0.456	0.420	4.14	16.6	19.3	14
15	5.70	11.3	3.67	24.7	3.82	2.65	1.48	0.427	0.406	3.77	46.5	27.3	15
16	5.46	85.3	3.70	21.0	3.61	2.79	1.33	0.478	0.427	3.34	41.9	20.4	16
17	5.56	90.6	3.51	17.9	3.42	2.54	1.13	0.492	0.434	2.78	37.2	17.0	17
18	17.7	81.7	3.34	12.6	3.48	3.77	1.03	0.449	0.449	2.33	41.4	19.5	18
19	17.7	108	3.16	10.3	3.45	6.24	1.05	0.434	0.456	2.20	19.8	24.1	19
20	17.2	43.1	3.03	9.09	3.32	4.95	1.10	0.427	0.470	2.10	23.9	45.4	20
21	25.3	40.3	3.00	8.03	3.19	4.63	1.00	0.420	1.05	2.10	59.2	27.9	21
22	28.0	34.8	3.08	8.56	3.08	4.34	0.954	0.409	1.88	1.98	64.4	15.8	22
23	18.2	32.8	3.10	10.1	2.97	4.23	0.879	0.434	1.82	1.90	42.7	15.1	23
24	15.8	13.1	3.13	10.3	2.87	4.02	0.929	0.427	1.78	1.78	25.5	14.0	24
25	12.8	12.9	3.84	7.89	4.41	3.70	0.892	0.449	1.85	1.75	19.4	14.8	25
26	9.95	13.5	3.94	7.40	3.67	3.48	0.879	0.478	2.39	1.82	15.7	14.1	26
27	9.88	10.4	3.80	7.56	3.10	2.97	0.780	0.478	5.66	3.35	12.5	10.3	27
28	10.0	8.94	3.67	8.42	2.97	2.55	0.766	0.470	3.98	10.1	9.81	8.75	28
29	12.5		5.53	9.18	2.84	2.36	0.744	0.463	6.52	14.6	11.1	7.12	29
30	10.8		5.82	7.94	2.87	2.26	0.730	0.463	6.86	25.0	13.7	6.82	30
31	11.9		7.44		2.68		0.722	0.521		114		5.68	31
TOTAL	380.02	768.58	143.56	357.62	148.58	99.76	39.355	15.974	43.090	303.08	703.14	884.87	TOTAL
MEAN	12.3	27.4	4.63	11.9	4.79	3.33	1.29	0.515	1.44	9.78	23.4	28.5	MEAN
MAX	28.0	108	7.72	31.2	8.92	6.24	2.17	0.722	6.86	114	64.4	127	MAX
MIN	5.46	4.95	3.00	7.40	2.68	2.17	0.722	0.409	0.406	1.75	4.52	5.68	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 127 ON DEC 5
MINIMUM DAILY, 0.406 ON SEP 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 43 39 N
LONG 123 40 11 W
DRAINAGE AREA, 209 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 800	JUL	3 450
FEB	66 400	AUG	1 380
MAR	12 400	SEP	3 720
APR	30 900	OCT	26 200
MAY	12 800	NOV	60 800
JUN	8 620	DEC	76 500

TOTAL DISCHARGE, 336 000 dam³

KOKSILAH RIVER BELOW KELVIN CREEK - STATION NO. 08HA045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	22.7	8.80	2.80	2.53	0.808	0.520	---	---	---	1
2	---	---	---	14.0	10.1	2.66	2.39	0.904	0.616	---	---	---	2
3	---	---	---	11.0	10.5	2.53	2.26	0.808	0.616	---	---	---	3
4	---	---	---	8.40	10.3	2.80	2.12	0.712	0.616	---	---	---	4
5	---	---	---	42.4	10.5	2.93	2.01	0.712	0.520	---	---	---	5
6	---	---	---	27.3	10.3	5.10	1.90	0.712	0.520	---	---	---	6
7	---	---	---	18.9	11.0	4.01	1.90	0.731	0.520	---	---	---	7
8	---	---	---	14.0	10.7	3.83	1.90	0.616	0.520	---	---	---	8
9	---	---	---	12.4	10.5	4.56	1.90	0.664	0.520	---	---	---	9
10	---	---	---	11.0	8.80	4.38	1.90	0.520	0.520	---	---	---	10
11	---	---	---	12.4	6.24	4.01	1.90	0.520	0.520	---	---	---	11
12	---	---	---	14.3	5.66	3.83	1.90	0.520	0.520	---	---	---	12
13	---	---	---	11.2	5.28	3.34	1.78	0.512	0.520	---	---	---	13
14	---	---	---	12.8	4.95	3.20	1.78	0.504	0.520	---	---	---	14
15	---	---	---	15.0	4.52	2.93	1.56	0.440	0.456	---	---	---	15
16	---	---	---	29.6	4.23	3.34	1.56	0.440	0.440	---	---	---	16
17	---	---	---	21.8	3.67	4.74	1.45	0.440	0.440	---	---	---	17
18	---	---	---	16.9	3.85	7.01	1.45	0.360	0.520	---	---	---	18
19	---	---	---	13.1	3.83	5.86	1.34	0.360	0.520	---	---	---	19
20	---	---	---	11.2	3.65	5.47	1.22	0.440	0.440	---	---	---	20
21	---	---	---	10.1	3.36	5.28	1.22	0.440	---	---	---	---	21
22	---	---	---	10.3	5.10	5.47	1.11	0.440	---	---	---	---	22
23	---	---	3.87	11.6	4.92	5.10	1.11	0.440	---	---	---	---	23
24	---	---	---	11.6	4.74	4.56	1.11	0.440	---	---	---	---	24
25	---	---	---	10.3	5.17	4.19	1.00	0.440	---	---	---	---	25
26	---	---	---	9.20	4.25	3.34	1.00	0.360	---	---	---	---	26
27	---	---	---	8.20	4.74	3.20	0.904	0.320	---	---	---	---	27
28	---	---	---	12.1	5.10	3.07	0.904	0.360	---	---	---	---	28
29	---		---	13.8	4.92	2.93	0.923	0.360	---	---	---	---	29
30	---		---	11.2	3.20	2.66	0.894	0.440	---	---	---	---	30
31	---		---		3.07		0.846	0.360		---		---	31
TOTAL	---	---	---	448.80	195.95	119.13	47.771	16.123	---	---	---	---	TOTAL
MEAN	---	---	---	15.0	6.32	3.97	1.54	0.520	---	---	---	---	MEAN
MAX	---	---	---	42.4	11.0	7.01	2.53	0.904	---	---	---	---	MAX
MIN	---	---	---	8.20	3.07	2.53	0.846	0.320	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 45 21 N
LONG 123 41 00 W
DRAINAGE AREA, 282 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 130
FEB	---	AUG	1 390
MAR	---	SEP	---
APR	38 800	OCT	---
MAY	16 900	NOV	---
JUN	10 300	DEC	---

KOOTENAI RIVER AT PORTHILL - STATION NO. 08NH021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	513	640	513	199	793	527	765	708	278	405	476	558	1
2	473	634	504	201	838	674	756	705	289	282	276	614	2
3	447	626	496	197	728	776	966	674	292	178	549	626	3
4	428	620	487	194	612	770	1 100	612	286	170	583	623	4
5	490	617	487	189	521	728	1 120	597	306	174	583	626	5
6	597	612	487	189	464	722	1 120	592	314	328	586	648	6
7	688	606	484	191	425	697	1 210	583	184	233	470	663	7
8	714	606	484	187	399	685	1 260	583	189	172	194	643	8
9	705	609	481	186	382	719	1 260	575	268	173	190	657	9
10	699	595	470	187	396	739	1 190	334	275	174	510	677	10
11	702	583	292	181	436	745	1 080	445	277	177	481	685	11
12	705	597	221	176	453	736	900	467	276	184	439	668	12
13	787	603	210	180	433	728	951	484	189	391	549	651	13
14	833	614	210	174	425	733	733	490	161	501	476	648	14
15	835	629	212	172	518	733	671	490	317	555	215	651	15
16	799	646	215	174	646	790	654	309	326	564	201	646	16
17	348	668	221	183	648	796	756	303	320	569	538	643	17
18	226	680	222	193	606	804	858	467	337	479	603	646	18
19	450	682	218	208	612	804	821	467	399	439	614	651	19
20	748	694	217	222	637	796	680	462	207	513	331	651	20
21	810	677	217	247	677	748	634	464	157	433	183	654	21
22	821	595	210	278	716	827	637	391	314	453	176	651	22
23	821	561	213	326	708	838	813	259	399	552	192	640	23
24	833	544	212	479	688	946	756	236	419	549	524	634	24
25	833	547	212	609	691	934	745	365	337	470	600	532	25
26	827	541	219	564	736	895	756	331	300	430	510	232	26
27	705	532	219	504	699	736	787	286	165	521	464	193	27
28	667	518	210	481	648	569	799	289	161	572	447	202	28
29	643		193	569	606	549	787	289	289	580	447	530	29
30	646		194	663	620	739	742	216	317	580	456	603	30
31	643		199		547		708	239		586		603	31
TOTAL	20 432	17 076	9 429	8 503	18 308	22 483	27 015	13 712	8 348	12 387	12 863	18 349	TOTAL
MEAN	659	610	304	283	591	749	871	442	278	400	429	592	MEAN
MAX	835	694	513	663	838	946	1 260	708	419	586	614	685	MAX
MIN	226	518	193	172	382	527	634	216	157	170	176	193	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 518
MAXIMUM DAILY, 1 260 ON JUL 8
MINIMUM DAILY, 157 ON SEP 21

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 116 30 10 W
DRAINAGE AREA, 35 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 770 000	JUL	2 330 000
FEB	1 480 000	AUG	1 180 000
MAR	815 000	SEP	721 000
APR	735 000	OCT	1 070 000
MAY	1 580 000	NOV	1 110 000
JUN	1 940 000	DEC	1 590 000

TOTAL DISCHARGE, 16 300 000 dam³

KOOTENAI RIVER NEAR COPELAND - STATION NO. 08NH031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490	631	504	188	699	481	742	697	274	408	462	555	1
2	453	629	496	190	770	640	733	694	286	269	253	614	2
3	430	620	487	186	660	750	954	660	289	169	552	620	3
4	411	614	479	183	549	736	1 100	597	283	164	580	617	4
5	479	612	479	178	473	691	1 110	583	306	168	578	620	5
6	589	606	479	180	419	688	1 100	580	311	328	580	643	6
7	685	600	476	181	382	660	1 180	575	176	219	459	657	7
8	705	603	476	176	357	651	1 240	575	185	159	172	634	8
9	694	603	473	176	340	688	1 230	566	268	164	182	651	9
10	688	589	462	177	345	705	1 160	314	274	166	518	668	10
11	694	578	273	171	382	711	1 050	439	274	170	479	677	11
12	697	592	205	167	402	702	861	462	274	177	428	660	12
13	784	595	200	171	382	682	934	479	184	394	541	643	13
14	830	609	201	165	371	648	697	484	156	501	467	643	14
15	830	620	203	162	430	677	640	484	320	555	189	646	15
16	790	637	205	163	580	750	631	294	326	561	188	640	16
17	314	660	212	171	578	745	742	294	317	566	544	637	17
18	206	671	212	180	532	750	850	467	337	470	603	640	18
19	447	671	209	193	535	748	804	462	402	428	606	646	19
20	762	680	207	204	558	733	648	456	197	510	311	646	20
21	810	665	206	229	589	677	612	459	152	425	166	648	21
22	816	575	200	257	629	770	617	379	317	447	167	646	22
23	816	547	203	294	623	770	807	245	402	555	184	634	23
24	827	532	202	433	600	892	742	226	419	544	532	629	24
25	827	535	202	583	603	883	728	362	331	464	600	524	25
26	818	530	209	527	643	850	742	323	297	422	504	208	26
27	691	521	208	462	620	691	776	280	158	518	453	186	27
28	648	510	197	433	580	518	787	283	155	566	442	196	28
29	634		180	518	547	513	773	283	289	572	442	541	29
30	637		183	600	572	719	725	207	314	572	450	606	30
31	634		187		496		691	233		578		603	31
TOTAL	20 136	16 835	9 115	7 898	16 246	21 119	26 406	13 442	8 273	12 209	12 632	18 178	TOTAL
MEAN	650	601	294	263	524	704	852	434	276	394	421	586	MEAN
MAX	830	680	504	600	770	892	1 240	697	419	578	606	677	MAX
MIN	206	510	180	162	340	481	612	207	152	159	166	186	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 500
MAXIMUM DAILY, 1 240 ON JUL 8
MINIMUM DAILY, 152 ON SEP 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 43 N
LONG 116 24 59 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 740 000	JUL	2 280 000
FEB	1 450 000	AUG	1 160 000
MAR	788 000	SEP	715 000
APR	682 000	OCT	1 050 000
MAY	1 400 000	NOV	1 090 000
JUN	1 820 000	DEC	1 570 000

TOTAL DISCHARGE, 15 700 000 dam³

KOOTENAY LAKE AT KUSKONOOK - STATION NO. 08NH067

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.907	531.625	531.106	530.268	530.702	532.759	532.764	532.999	531.511	531.965	532.008	532.007	1
2	531.882	531.602	531.067	530.257	530.857	532.744	532.793	532.954	531.547	532.022	531.972	532.026	2
3	531.851	531.583	531.024	530.241	530.986	532.759	532.796	532.904	531.574	532.013	531.944	532.026	3
4	531.828	531.564	530.985	530.215	531.051	532.798	532.865	532.842	531.601	531.986	531.970	532.025	4
5	531.816	531.546	530.953	530.189	531.092	532.825	532.953	532.770	531.632	531.950	531.980	532.032	5
6	531.818	531.542	530.920	530.183	531.099	532.844	533.061	532.711	531.661	531.942	531.981	532.050	6
7	531.847	531.527	530.890	530.152	531.101	532.841	533.186	532.669	531.669	531.945	531.979	532.047	7
8	531.879	531.511	530.863	530.121	531.087	532.811	533.314	532.632	531.657	531.944	531.958	532.035	8
9	531.889	531.488	530.840	530.096	531.070	532.788	533.383	532.600	531.662	531.947	531.919	532.029	9
10	531.882	531.461	530.809	530.070	531.048	532.762	533.411	532.549	531.685	531.949	531.923	532.031	10
11	531.862	531.440	530.771	530.043	531.039	532.741	533.418	532.488	531.696	531.944	531.968	532.038	11
12	531.846	531.415	530.710	530.023	531.037	532.714	533.390	532.447	531.712	531.917	531.997	532.034	12
13	531.832	531.396	530.668	530.003	531.038	532.710	533.363	532.411	531.720	531.915	532.010	532.021	13
14	531.830	531.372	530.639	529.980	531.041	532.699	533.366	532.393	531.698	531.936	532.028	532.014	14
15	531.837	531.354	530.612	529.953	531.081	532.692	533.312	532.381	531.695	531.993	531.992	532.009	15
16	531.841	531.344	530.595	529.929	531.159	532.707	533.257	532.349	531.706	532.055	531.929	531.998	16
17	531.797	531.333	530.584	529.919	531.237	532.723	533.222	532.302	531.713	532.082	531.926	531.984	17
18	531.705	531.331	530.581	529.920	531.295	532.729	533.209	532.276	531.724	532.072	531.962	531.968	18
19	531.624	531.338	530.582	529.923	531.362	532.734	533.212	532.257	531.739	532.044	531.964	531.964	19
20	531.598	531.340	530.566	529.933	531.459	532.742	533.204	532.256	531.759	532.018	531.957	531.971	20
21	531.614	531.329	530.541	529.957	531.585	532.737	533.178	532.212	531.760	531.990	531.939	531.992	21
22	531.634	531.304	530.524	529.990	531.728	532.734	533.148	532.152	531.769	531.958	531.918	531.999	22
23	531.655	531.267	530.502	530.031	531.862	532.746	533.158	532.075	531.799	531.951	531.916	531.988	23
24	531.687	531.229	530.472	530.096	531.996	532.755	533.195	531.976	531.851	531.961	531.935	531.979	24
25	531.711	531.192	530.440	530.219	532.140	532.771	533.205	531.899	531.887	531.971	531.983	531.986	25
26	531.728	531.172	530.423	530.329	532.336	532.797	533.193	531.854	531.908	531.973	532.023	531.965	26
27	531.734	531.150	530.404	530.397	532.500	532.824	533.173	531.801	531.901	531.967	532.007	531.927	27
28	531.710	531.131	530.365	530.454	532.610	532.796	533.161	531.716	531.896	531.975	532.020	531.907	28
29	531.687		530.336	530.510	532.670	532.747	533.122	531.647	531.913	531.993	532.031	531.921	29
30	531.673		530.306	530.581	532.706	532.735	533.090	531.580	531.936	532.007	532.018	531.976	30
31	531.649		530.282		532.754		533.040	531.513		532.007		532.040	31
MEAN	531.769	531.389	530.657	530.133	531.507	532.759	533.166	532.310	531.733	531.980	531.972	532.000	MEAN
MAX	531.907	531.625	531.106	530.581	532.754	532.844	533.418	532.999	531.936	532.082	532.031	532.050	MAX
MIN	531.598	531.131	530.282	529.919	530.702	532.692	532.764	531.513	531.511	531.915	531.916	531.907	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 531.786
MAXIMUM DAILY, 533.418 ON JUL 11
MINIMUM DAILY, 529.919 ON APR 17
MAXIMUM INSTANTANEOUS,
533.430 AT 07:46 PST ON JUL 11

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 56 N
LONG 116 39 31 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1972 ADJ.)

KOOTENAY LAKE AT QUEENS BAY - STATION NO. 08NN054

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.752	531.461	530.955	530.125	530.529	532.608	532.617	532.887	531.395	531.811	531.857	531.848	1
2	531.725	531.441	530.910	530.111	530.694	532.589	532.639	532.842	531.430	531.862	531.816	531.863	2
3	531.693	531.421	530.869	530.092	530.817	532.619	532.648	532.788	531.459	531.857	531.788	531.865	3
4	531.663	531.402	530.830	530.066	530.893	532.662	532.713	532.727	531.482	531.827	531.801	531.869	4
5	531.652	531.386	530.797	530.050	530.927	532.674	532.812	532.665	531.504	531.793	531.814	531.889	5
6	531.665	531.379	530.764	530.029	530.934	532.685	532.920	532.607	531.529	531.787	531.818	531.897	6
7	531.690	531.366	530.736	529.987	530.935	532.687	533.056	532.560	531.538	531.799	531.818	531.890	7
8	531.716	531.346	530.709	529.962	530.920	532.661	533.170	532.524	531.526	531.804	531.794	531.876	8
9	531.723	531.333	530.686	529.938	530.897	532.636	533.238	532.493	531.524	531.808	531.761	531.870	9
10	531.717	531.309	530.658	529.908	530.882	532.615	533.270	532.445	531.537	531.800	531.763	531.887	10
11	531.702	531.285	530.619	529.879	530.875	532.593	533.270	532.376	531.553	531.785	531.807	531.887	11
12	531.683	531.253	530.558	529.861	530.877	532.571	533.232	532.337	531.566	531.756	531.838	531.878	12
13	531.671	531.241	530.517	529.836	530.876	532.564	533.208	532.301	531.565	531.747	531.853	531.867	13
14	531.675	531.228	530.486	529.813	530.880	532.551	533.207	532.285	531.540	531.774	531.881	531.858	14
15	531.681	531.209	530.463	529.787	530.932	532.540	533.163	532.272	531.535	531.827	531.839	531.854	15
16	531.683	531.191	530.441	529.769	531.000	532.559	533.112	532.240	531.547	531.890	531.765	531.842	16
17	531.649	531.184	530.430	529.756	531.078	532.579	533.076	532.189	531.558	531.917	531.766	531.825	17
18	531.549	531.184	530.431	529.755	531.140	532.589	533.065	532.142	531.570	531.910	531.808	531.810	18
19	531.459	531.186	530.433	529.758	531.210	532.590	533.075	532.106	531.593	531.885	531.808	531.809	19
20	531.438	531.188	530.412	529.774	531.302	532.593	533.067	532.084	531.619	531.855	531.800	531.821	20
21	531.455	531.177	530.386	529.795	531.427	532.595	533.040	532.046	531.614	531.828	531.780	531.835	21
22	531.473	531.151	530.363	529.828	531.575	532.596	533.013	531.996	531.629	531.794	531.761	531.841	22
23	531.496	531.111	530.340	529.873	531.715	532.599	533.025	531.916	531.662	531.793	531.759	531.831	23
24	531.524	531.075	530.319	529.950	531.841	532.605	533.066	531.817	531.701	531.804	531.777	531.824	24
25	531.551	531.043	530.292	530.054	531.993	532.622	533.084	531.736	531.727	531.816	531.828	531.830	25
26	531.567	531.019	530.268	530.162	532.178	532.648	533.066	531.694	531.748	531.816	531.867	531.809	26
27	531.573	530.999	530.245	530.240	532.352	532.670	533.048	531.643	531.743	531.812	531.851	531.770	27
28	531.550	530.984	530.213	530.297	532.469	532.650	533.048	531.575	531.737	531.828	531.864	531.752	28
29	531.527		530.184	530.346	532.531	532.595	533.033	531.510	531.756	531.849	531.878	531.765	29
30	531.512		530.157	530.409	532.571	532.581	532.989	531.448	531.778	531.861	531.860	531.822	30
31	531.488		530.133		532.609		532.933	531.387		531.860		531.885	31
MEAN	531.610	531.234	530.503	529.974	531.350	532.611	533.029	532.182	531.589	531.824	531.814	531.844	MEAN
MAX	531.752	531.461	530.955	530.409	532.609	532.687	533.270	532.887	531.778	531.917	531.881	531.897	MAX
MIN	531.438	530.984	530.133	529.755	530.529	532.540	532.617	531.387	531.395	531.747	531.759	531.752	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 531.635
MAXIMUM DAILY, 533.270 ON JUL 10
MINIMUM DAILY, 529.755 ON APR 18
MAXIMUM INSTANTANEOUS,
533.280 AT 20:21 PST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 16 N
LONG 116 55 47 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY 0.116 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1960 ADJ.)

KOOTENAY LAKE OUTFLOW NEAR CORRA LINN - STATION NO. 08NJ158

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	860	1 070	860	415	689	1 650	1 490	1 580	433	497	690	837	1
2	859	1 050	839	477	745	1 620	1 550	1 550	410	499	661	856	2
3	855	1 050	813	446	818	1 610	1 490	1 510	413	481	620	883	3
4	781	1 040	805	468	837	1 640	1 550	1 480	490	466	591	852	4
5	814	877	779	409	870	1 640	1 610	1 440	428	467	663	857	5
6	859	1 120	747	490	810	1 650	1 690	1 410	428	444	728	908	6
7	899	1 020	706	456	845	1 660	1 750	1 370	462	432	629	908	7
8	993	1 020	715	466	873	1 550	1 830	1 360	443	413	520	877	8
9	1 070	1 030	724	466	871	1 630	1 870	1 340	453	428	514	827	9
10	1 130	886	728	479	846	1 620	1 880	1 310	466	421	504	892	10
11	1 130	1 020	712	437	856	1 550	1 880	1 270	478	433	533	897	11
12	1 150	863	576	427	848	1 490	1 870	1 230	450	470	626	891	12
13	1 200	1 010	484	414	848	1 410	1 860	1 170	466	430	697	888	13
14	1 170	979	479	411	849	1 430	1 860	1 060	444	375	810	907	14
15	1 190	968	473	415	866	1 410	1 850	1 050	453	365	859	915	15
16	1 190	960	428	381	876	1 420	1 790	1 010	473	389	630	885	16
17	1 180	862	339	324	927	1 430	1 750	1 050	442	699	572	903	17
18	1 130	978	347	328	947	1 440	1 740	1 070	472	695	759	887	18
19	1 080	963	395	342	958	1 450	1 740	1 110	486	694	841	814	19
20	1 060	953	470	344	950	1 450	1 710	1 070	481	699	610	767	20
21	1 070	955	472	386	1 010	1 450	1 680	1 120	484	695	582	793	21
22	1 080	946	471	453	1 130	1 450	1 540	1 120	498	646	434	870	22
23	1 080	937	469	433	1 150	1 450	1 440	1 070	465	594	510	860	23
24	1 090	911	494	390	1 160	1 460	1 520	1 070	526	582	580	864	24
25	1 110	920	466	375	1 160	1 470	1 570	985	464	511	603	675	25
26	1 130	893	479	460	1 160	1 470	1 570	885	503	621	803	708	26
27	1 130	884	507	609	1 210	1 490	1 570	1 000	496	622	704	467	27
28	1 110	881	491	593	1 290	1 490	1 670	967	468	605	583	474	28
29	970		491	628	1 510	1 500	1 720	880	501	614	744	503	29
30	1 140		500	651	1 570	1 500	1 740	793	496	687	833	501	30
31	1 070		423		1 600		1 640	585		702		790	31
TOTAL	32 580	27 046	17 682	13 373	31 079	45 480	52 420	35 915	13 972	16 676	19 433	24 956	TOTAL
MEAN	1 050	966	570	446	1 000	1 520	1 690	1 160	466	538	648	805	MEAN
MAX	1 200	1 120	860	651	1 600	1 660	1 880	1 580	526	702	859	915	MAX
MIN	781	862	339	324	689	1 410	1 440	585	410	365	434	467	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 906
MAXIMUM DAILY, 1 880 ON JUL 10
MINIMUM DAILY, 324 ON APR 17

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 28 01 N
LONG 117 27 54 W
DRAINAGE AREA, 45 600 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 810 000	JUL	4 530 000
FEB	2 340 000	AUG	3 100 000
MAR	1 530 000	SEP	1 210 000
APR	1 160 000	OCT	1 440 000
MAY	2 690 000	NOV	1 680 000
JUN	3 930 000	DEC	2 160 000

TOTAL DISCHARGE, 28 600 000 dam³

DATA CONTRIBUTED BY -
WEST KOOTENAY POWER AND LIGHT COMPANY LIMITED

REGULATED SINCE 1938

KOOTENAY RIVER ABOVE CORRA LINN - STATION NO. 08NJ113

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	530.946	528.237	528.266	529.505	528.293	529.438	530.491	530.963	531.110	531.536	531.389	531.143	1
2	530.937	528.216	528.202	529.264	528.324	529.430	530.384	530.960	531.174	531.578	531.393	531.094	2
3	530.904	528.215	528.247	529.275	528.320	529.454	530.366	530.963	531.214	531.615	531.402	531.045	3
4	530.943	528.212	528.215	529.150	528.305	529.452	530.421	530.949	531.193	531.601	531.418	531.148	4
5	530.917	529.094	528.256	529.292	528.288	529.433	530.372	530.950	531.244	531.565	531.371	531.167	5
6	530.814	528.548	528.452	529.002	528.382	529.453	530.370	530.962	531.273	531.582	531.307	531.060	6
7	530.771	528.200	529.211	528.815	528.879	529.431	530.371	530.961	531.267	531.583	531.403	531.065	7
8	530.540	528.210	529.272	528.858	528.648	529.588	530.368	530.958	531.265	531.590	531.501	531.110	8
9	530.176	528.241	529.111	528.818	528.355	529.753	530.372	530.956	531.256	531.591	531.474	531.232	9
10	529.785	528.939	528.895	528.774	528.320	529.755	530.366	530.943	531.245	531.590	531.497	531.094	10
11	529.684	528.690	528.749	528.858	528.270	529.861	530.362	530.952	531.264	531.568	531.525	531.052	11
12	529.550	529.117	529.171	528.848	528.245	530.138	530.346	530.968	531.297	531.502	531.460	531.065	12
13	528.752	529.054	529.961	528.862	528.280	530.690	530.355	531.026	531.294	531.511	531.377	531.102	13
14	528.396	528.203	529.914	528.832	528.339	530.674	530.352	531.201	531.285	531.572	531.310	531.031	14
15	528.356	528.219	529.915	528.788	528.481	530.660	530.341	531.283	531.273	531.641	531.078	531.000	15
16	528.281	528.215	529.912	528.727	528.877	530.670	530.509	531.292	531.265	531.673	531.307	531.017	16
17	528.254	528.854	530.096	529.146	528.814	530.677	530.650	531.189	531.299	531.438	531.419	531.032	17
18	528.222	528.427	530.131	529.247	528.746	530.671	530.654	531.020	531.290	531.436	531.180	531.013	18
19	528.211	528.275	530.047	529.172	528.835	530.668	530.663	530.783	531.268	531.402	531.072	531.115	19
20	528.237	528.229	529.832	529.172	529.118	530.677	530.805	530.889	531.327	531.361	531.349	531.193	20
21	528.243	528.237	529.783	529.031	529.626	530.665	530.959	530.660	531.318	531.331	531.430	531.180	21
22	528.234	528.212	529.740	528.514	529.333	530.671	531.147	530.608	531.313	531.362	531.530	531.012	22
23	528.246	528.249	529.721	528.487	529.410	530.677	531.577	530.601	531.371	531.410	531.473	531.041	23
24	528.239	528.362	529.622	529.164	529.904	530.670	531.474	530.400	531.364	531.435	531.428	531.038	24
25	528.235	528.292	529.621	529.537	530.404	530.681	531.335	530.415	531.453	531.528	531.445	531.314	25
26	528.221	528.197	529.513	529.377	530.870	530.680	531.259	530.689	531.477	531.420	531.241	531.336	26
27	528.224	528.250	529.387	528.563	531.136	530.693	531.265	530.248	531.466	531.417	531.293	531.487	27
28	528.505	528.246	529.302	528.267	531.112	530.651	530.978	530.186	531.481	531.453	531.511	531.497	28
29	529.076		529.337	528.258	530.470	530.670	530.482	530.394	531.485	531.468	531.360	531.486	29
30	528.835		529.148	528.304	529.883	530.580	530.347	530.487	531.494	531.368	531.155	531.525	30
31	528.233		529.384		529.761		530.724	530.844		531.366		531.347	31
MEAN	529.192	528.409	529.304	528.930	529.098	530.240	530.660	530.829	531.311	531.500	531.370	531.163	MEAN
MAX	530.946	529.117	530.131	529.537	531.136	530.693	531.577	531.292	531.494	531.673	531.530	531.525	MAX
MIN	528.211	528.197	528.202	528.258	528.245	529.430	530.341	530.186	531.110	531.331	531.072	531.000	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 530.178
MAXIMUM DAILY, 531.673 ON OCT 16
MINIMUM DAILY, 528.197 ON FEB 26
MAXIMUM INSTANTANEOUS,
531.839 AT 13:40 PST ON OCT 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 10 N
LONG 117 28 02 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER AT CANAL FLATS - STATION NO. 08NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.1B	24.8B	19.3B	23.0	98.5	408	340	264	96.3	49.0	37.9	32.5	1
2	46.7B	23.5B	14.2	23.1	155	360	337	241	106	55.8	37.7	30.3	2
3	41.3B	22.1B	19.1E	22.8	142	411	323	226	99.1	65.7	37.1	28.3	3
4	37.9B	20.1B	19.5E	22.3	122	405	382	221	92.0	58.6	37.1	30.2	4
5	35.4B	18.3B	20.4A	21.9	114	354	439	203	94.0	55.2	36.2	30.2	5
6	37.1B	17.8B	20.4A	22.4	106	323	436	195	90.3	52.4	35.1	30.4	6
7	38.2B	18.4B	19.6	21.7	103	320	425	192	85.8	51.0	34.8	27.8	7
8	39.4B	19.0B	19.1	21.3	103	286	382	200	84.4	53.5	34.8	26.5	8
9	39.9B	18.7B	18.8	21.8	101	252	311	197	84.7	54.7	34.0	26.1	9
10	36.2B	14.7B	18.5	21.3	103	232	266	185	87.2	53.0	33.7	26.2	10
11	36.5B	14.0B	18.8	21.0	110	218	240	179	83.8	51.3	32.8	26.8	11
12	33.4B	14.7B	19.4	20.7	111	205	232	177	81.0	49.6	32.8	26.7	12
13	30.9B	16.4B	20.1	20.2	112	203	243	176	79.0	47.6	33.4	23.0	13
14	28.0B	18.7B	20.5	20.3	115	206	294	172	74.5	46.4	33.1	19.9	14
15	25.8B	20.8B	20.7	20.4	120	217	309	168	70.8	45.9	32.8	20.2B	15
16	23.8B	21.8B	20.9	21.8	128	239	323	161	69.9	45.6	32.6	22.9B	16
17	21.7B	23.1B	20.9	22.8	128	244	320	158	70.2	45.6	32.3	21.5B	17
18	21.8B	22.9B	20.6	23.1	134	226	317	152	70.5	44.7	32.3	19.4B	18
19	25.4B	22.9B	20.5	24.5	170	208	317	142	71.9	43.9	31.7	19.1B	19
20	26.6B	23.3B	20.4	26.5	230	195	314	139	81.6	43.9	31.1	24.3B	20
21	29.2B	21.8B	20.9	32.3	297	189	306	140	76.7	42.5	31.4	24.5B	21
22	28.9B	20.7B	21.1	35.4	371	180	314	130	70.2	41.1	31.1	21.2B	22
23	29.4B	20.5B	22.1	36.2	416	178	303	123	65.4	40.8	30.9A	19.5B	23
24	31.7B	20.5B	22.1	49.0	484	175	281	119	60.6	40.8	30.4	21.2B	24
25	32.3B	20.5B	22.1	70.5	527 A	172	292	117	59.2	40.2	28.9	22.5B	25
26	30.3B	20.5B	21.9	66.8	640	200	272	120	56.6	40.2	26.9	23.3B	26
27	28.0B	20.1B	22.1	62.8	640	251	255	122	54.4	41.1	25.7	23.1B	27
28	28.3B	19.4B	22.2	60.0	501	249	260	115	53.5	39.9	23.7	22.7B	28
29	27.6B		22.3	60.6	399	224	264	107	52.7	39.4	25.9	21.0B	29
30	26.9B		23.6	64.0	379	238	282	106	51.0	39.6	31.6	19.3B	30
31	26.1B		23.4		408		281	103		38.5		17.9B	31
TOTAL	998.8	560.0	635.5	979.7	7 567.5	7 568	9 660	5 050	2 273.3	1 457.5	969.8	748.5	TOTAL
MEAN	32.2	20.0	20.5	32.7	244	252	312	163	75.8	47.0	32.3	24.1	MEAN
MAX	54.1	24.8	23.6	70.5	640	411	439	264	106	65.7	37.9	32.5	MAX
MIN	21.7	14.0	14.2	20.2	98.5	172	232	103	51.0	38.5	23.7	17.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 105
MAXIMUM DAILY, 640 ON MAY 26
MINIMUM DAILY, 14.0B ON FEB 11
MAXIMUM INSTANTANEOUS,
697 AT 19:10 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 52 N
LONG 115 47 57 W
DRAINAGE AREA, 5 390 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	86 300	JUL	835 000
FEB	48 400	AUG	436 000
MAR	54 900	SEP	196 000
APR	84 600	OCT	126 000
MAY	654 000	NOV	83 800
JUN	654 000	DEC	64 700

TOTAL DISCHARGE, 3 320 000 dam³

KOOTENAY RIVER AT FORT STEELE - STATION NO. 08NG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	89.8	51.0	46.4	58.5	186	875	669	455	152	91.2	76.9	50.7	1
2	79.0	50.2	45.6	58.4	337	772	758	419	156	95.0	75.0	55.5	2
3	69.3	49.2	44.8	57.2	367	756	667	390	164	126	73.7	53.8	3
4	61.8	44.3	45.4	55.7	304	816	712	380	153	123	73.7	52.3	4
5	60.2	41.0	45.9	54.6	271	776	828	361	146	111	72.4	54.0	5
6	62.6	40.2	46.7	55.1	244	704	872	338	145	103	70.0	56.6	6
7	65.7	42.6	44.7	53.7	224	705	874	327	139	99.9	68.8	57.8	7
8	68.3	44.3	43.8	52.0	215	649	797	328	132	101	68.1	55.2	8
9	69.1	42.7	44.1	51.9	207	580	636	335	129	106	68.4	53.8	9
10	67.7	38.9	43.6	51.1	206	527	542	321	130	104	67.0	54.4	10
11	64.6	32.6	42.8	50.6	217	487	486	305	131	99.2	65.4	55.4	11
12	61.0	35.0	43.8	50.4	222	453	464	294	125	95.4	65.3	52.6	12
13	56.0	38.9	44.6	49.6	219	462	485	286	121	92.3	66.4	39.6	13
14	52.6	44.3	46.1	48.4	222	465	578	281	118	89.1	68.0	38.9	14
15	50.0	51.9	47.5	47.3	259	463	611	272	112	86.8	68.5	35.9	15
16	45.4	55.0	48.7	48.6	349	504	590	261	108	85.1	67.6	39.0	16
17	42.3	56.8	50.5	51.9	346	553	592	254	106	84.4	65.9	43.1	17
18	42.7	56.6	51.1	55.4	327	525	585	242	106	84.4	65.6	41.6	18
19	49.2	57.0	50.8	57.9	359	477	592	229	106	83.2	64.7	39.1	19
20	52.9	58.2	49.7	63.6	473	451	584	221	111	82.1	63.2	40.8	20
21	55.6	55.3	48.9	71.9	595	436	564	228	119	80.7	62.5	45.9	21
22	55.1	52.6	50.0	81.3	713	416	560	216	115	78.7	63.4	42.8	22
23	56.2	52.3	51.1	87.4	816	401	557	197	109	77.2	62.9	36.7	23
24	61.5	51.6	52.1	107	894	397	535	185	104	76.5	61.8	39.5	24
25	61.4	51.6	52.5	156	981	387	544	180	98.9	75.2	58.0	43.0	25
26	58.6	50.9	53.0	171	1 070	426	556	180	95.4	75.8	53.2	44.5	26
27	56.0	48.4	52.7	157	1 110	539	493	180	92.4	76.7	47.6	44.1	27
28	54.4	46.9	53.4	150	1 030	582	495	176	90.8	79.3	41.6	43.2	28
29	53.9		54.1	149	904	526	508	167	90.8	81.4	43.8	39.4B	29
30	53.6		56.0	153	839	522	501	159	92.8	80.4	45.9	36.5B	30
31	53.0		57.6		866		490	158		79.1		34.0B	31
TOTAL	1 829.5	1 336.3	1 508.0	2 355.5	15 372	16 632	18 725	8 325	3 598.1	2 803.1	1 915.3	1 419.7	TOTAL
MEAN	59.0	47.7	48.6	78.5	496	554	604	269	120	90.4	63.8	45.8	MEAN
MAX	89.8	58.2	57.6	171	1 110	875	874	455	164	126	76.9	57.8	MAX
MIN	42.3	32.6	42.8	47.3	186	387	464	158	90.8	75.2	41.6	34.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 208
MAXIMUM DAILY, 1 110 ON MAY 27
MINIMUM DAILY, 32.6 ON FEB 11
MAXIMUM INSTANTANEOUS,
1 130 AT 08:45 MST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 43 N
LONG 115 38 04 W
DRAINAGE AREA, 11 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158 000	JUL	1 620 000
FEB	115 000	AUG	719 000
MAR	130 000	SEP	311 000
APR	204 000	OCT	242 000
MAY	1 330 000	NOV	165 000
JUN	1 440 000	DEC	123 000

TOTAL DISCHARGE, 6 560 000 dam³

KOOTENAY RIVER AT KOOTENAY CROSSING - STATION NO. 08NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.949B	0.569	0.422	0.833	10.5	25.9	19.8	21.3	4.81	3.26E	2.12 E	1.30 E	1
2	0.833B	0.552	0.436	0.447	15.3	24.3	20.7	18.2	6.00	3.74E	2.07 E	1.16 E	2
3	0.736B	1.15	0.365	0.445	13.4	26.1	19.8	16.5	5.54	4.36E	2.03 E	0.963E	3
4	0.648B	1.09	0.362	0.450	11.7	24.6	23.9	15.0	5.01	3.91E	2.01 E	1.02 E	4
5	0.614B	0.844	0.365	0.459	10.6	21.7	26.0	13.6	5.45	3.60E	1.87 E	1.02 E	5
6	0.651B	0.742	0.362	0.467	9.71	20.4	28.5	12.9	5.18	3.43E	1.73 E	0.994E	6
7	0.680B	0.711	0.450	0.462	9.17	19.8	34.8	12.7	4.64	3.37E	1.72 E	0.909E	7
8	0.705B	0.702	0.354	0.456	8.81	17.5	35.6	12.9	4.39	3.54E	1.71 E	0.895A	8
9	0.711B	0.739	0.354	0.467	9.00	15.6	30.4	12.2	4.22	3.60E	1.68 E	0.875E	9
10	0.668B	0.609E	0.351	0.459	9.12	14.5	23.7	11.3	4.17	3.45E	1.65 E	0.889E	10
11	0.682B	0.578E	0.362A	0.453	9.37	13.7	20.2	10.7	3.98	3.28E	1.62 E	0.898E	11
12	0.648B	0.586E	0.368E	0.447	9.26	13.1	19.0	10.5	3.77	3.11E	1.62 E	0.900B	12
13	0.612B	0.600E	0.382E	0.442	9.29	12.3	18.5	10.1	3.63	2.94E	1.64 E	0.765B	13
14	0.580B	0.620E	0.391E	0.442	9.63	11.5	21.3	9.63	3.51	2.78E	1.64 E	0.682B	14
15	0.532B	0.654E	0.394E	0.439	10.1	11.6	23.2	9.08	3.34	2.75E	1.62 E	0.697B	15
16	0.479B	0.682E	0.396E	0.479	10.4	12.4	25.5	8.58	3.24	2.76E	1.61 A	0.784B	16
17	0.425B	0.694E	0.396E	0.513	10.7	12.5	25.5	8.07	3.18	2.75E	1.57 E	0.731B	17
18	0.428B	0.691E	0.394E	0.682	11.3	11.5	24.4	7.53	3.16	2.66E	1.56 E	0.651B	18
19	0.510B	0.685E	0.411E	1.07	14.0	10.4	23.1	7.11	3.41	2.61E	1.55 E	0.643B	19
20	0.578B	0.694E	0.408E	1.62	17.6	9.74	22.7	7.43	6.03	2.61E	1.53 E	0.821B	20
21	0.609E	0.595E	0.416E	2.10	22.1	9.43	24.5	7.58	5.03	2.57E	1.53 E	0.827B	21
22	0.600E	0.394E	0.422E	2.24	26.1	9.08	26.1	6.71	4.44	2.49E	1.50 E	0.736B	22
23	0.623E	0.394E	0.442E	2.36	27.6	8.95	23.4	6.18	4.18	2.44E	1.46 E	0.651B	23
24	0.694E	0.394E	0.442E	5.30	34.5	8.72	20.9	5.80	3.93	2.42E	1.40 E	0.711B	24
25	0.702E	0.374	0.442E	7.45	34.8	8.77	21.0	5.59	3.68	2.38E	1.30 E	0.765B	25
26	0.654E	0.379	0.433A	5.72	41.3	11.7	17.6	5.58	3.49	2.32E	1.21 E	0.793B	26
27	0.580E	0.379	0.399	4.87	41.2	14.6	16.0	5.52	3.35	2.30A	1.09 E	0.779B	27
28	0.580E	0.379	0.399	4.73	33.0	12.9	16.2	5.06	3.27	2.24A	0.954E	0.765B	28
29	0.569E		0.416	5.44	25.5	11.7	17.1	4.64	3.43E	2.27A	1.08 E	0.708B	29
30	0.566		0.430	6.31	24.3	13.1	21.2	4.64	3.34E	2.29E	1.27 E	0.643B	30
31	0.566		0.430		26.1		23.5	4.75		2.21E		0.589B	31
TOTAL	19.412	17.480	12.394	57.652	555.46	438.09	714.1	297.38	124.80	90.44	47.344	25.564	TOTAL
MEAN	0.626	0.624	0.400	1.92	17.9	14.6	23.0	9.59	4.16	2.92	1.58	0.825	MEAN
MAX	0.949	1.15	0.450	7.45	41.3	26.1	35.6	21.3	6.03	4.36	2.12	1.30	MAX
MIN	0.425	0.374	0.351	0.433	8.81	8.72	16.0	4.64	3.16	2.21	0.954	0.589	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.58
MAXIMUM DAILY, 41.3 ON MAY 26
MINIMUM DAILY, 0.351 ON MAR 10
MAXIMUM INSTANTANEOUS,
42.5 AT 23:20 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 116 02 35 W
DRAINAGE AREA, 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	61 700
FEB	1 510	AUG	25 700
MAR	1 070	SEP	10 800
APR	4 980	OCT	7 810
MAY	48 000	NOV	4 090
JUN	37 900	DEC	2 210

TOTAL DISCHARGE, 207 000 dam³

KOOTENAY RIVER AT NELSON - STATION NO. 08NJ009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.513	531.019	530.599	529.973	530.229	532.061	532.135	532.406	531.295	531.714	531.707	531.632	1
2	531.501	531.007	530.565	529.935	530.362	532.036	532.146	532.366	531.344	531.760	531.689	531.624	2
3	531.477	530.986	530.528	529.913	530.483	532.044	532.140	532.320	531.378	531.774	531.667	531.620	3
4	531.449	530.962	530.488	529.884	530.543	532.091	532.193	532.278	531.386	531.751	531.675	531.657	4
5	531.446	530.997	530.448	529.875	530.587	532.112	532.268	532.225	531.414	531.719	531.673	531.674	5
6	531.425	530.964	530.439	529.846	530.597	532.117	532.358	532.176	531.442	531.720	531.664	531.652	6
7	531.440	530.918	530.441	529.811	530.600	532.120	532.446	532.143	531.450	531.718	531.684	531.651	7
8	531.425	530.916	530.431	529.799	530.591	532.099	532.560	532.118	531.439	531.722	531.698	531.653	8
9	531.376	530.924	530.399	529.776E	530.569	532.083	532.622	532.086	531.436	531.730	531.671	531.682	9
10	531.327	530.927	530.362	529.770E	530.553	532.071	532.644	532.051	531.442	531.730	531.682	531.647	10
11	531.303	530.890	530.327	529.745E	530.546	532.057	532.644	531.999	531.456	531.713	531.720	531.634	11
12	531.269	530.881	530.298	529.721E	530.548	532.050	532.623	531.966	531.472	531.675	531.721	531.635	12
13	531.224	530.870	530.361	529.691E	530.549	532.113	532.600	531.952	531.476	531.668	531.708	531.645	13
14	531.208	530.818	530.337	529.666A	530.555	532.110	532.604	531.967	531.461	531.706	531.722	531.624	14
15	531.211	530.808	530.322	529.657A	530.589	532.095	532.571	531.984	531.449	531.765	531.632	531.610	15
16	531.215	530.796	530.290	529.617A	530.659	532.104	532.536	531.961	531.455	531.825	531.631	531.597	16
17	531.199	530.803	530.329	529.636A	530.720	532.114	532.522	531.916	531.469	531.769	531.666	531.607	17
18	531.114	530.797	530.354	529.651A	530.775	532.124	532.507	531.832	531.477	531.762	531.614	531.587	18
19	531.035	530.791	530.336	529.651A	530.829	532.129	532.515	531.775	531.471	531.737	531.597	531.601	19
20	530.998	530.776	530.272	529.666A	530.927	532.133	532.525	531.775	531.518	531.701	531.647	531.618	20
21	531.010	530.778	530.241	529.658A	531.067	532.129	532.524	531.694	531.512	531.674	531.672	531.628	21
22	531.019	530.767	530.213	529.666A	531.171	532.133	532.528	531.647	531.515	531.657	531.677	531.580	22
23	531.041	530.736	530.191	529.684A	531.282	532.136	532.611	531.588	531.560	531.669	531.665	531.592	23
24	531.056	530.704	530.166	529.748A	531.428	532.148	532.632	531.491	531.583	531.685	531.662	531.591	24
25	531.074	530.684	530.138	529.916A	531.614	532.157	532.630	531.405	531.630	531.710	531.694	531.649	25
26	531.108	530.652	530.102	530.023A	531.839	532.187A	532.595	531.427	531.661	531.687	531.690	531.661	26
27	531.117	530.635	530.067	530.029A	532.020	532.204	532.579	531.310	531.660	531.686	531.668	531.668	27
28	531.117	530.615	530.028	530.044A	532.112	532.186	532.546	531.245	531.653	531.710	531.739	531.665	28
29	531.117		530.004	530.081A	532.089	532.141	532.451	531.225	531.663	531.726	531.711	531.669	29
30	531.087		529.954	530.134	532.044	532.115	532.403	531.183	531.680	531.698	531.642	531.714	30
31	531.032		529.962		532.057		532.405	531.219		531.701		531.737	31
MEAN	531.224	530.836	530.290	529.809	530.985	532.113	532.486	531.830	531.495	531.718	531.676	531.639	MEAN
MAX	531.513	531.019	530.599	530.134	532.112	532.204	532.644	532.406	531.680	531.825	531.739	531.737	MAX
MIN	530.998	530.615	529.954	529.617	530.229	532.036	532.135	531.183	531.295	531.657	531.597	531.580	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 531.387
MAXIMUM DAILY, 532.644 ON JUL 10
MINIMUM DAILY, 529.617A ON APR 16
MAXIMUM INSTANTANEOUS,
532.665 AT 10:48 PST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 33 N
LONG 117 16 46 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1931

DRAINAGE AREA,
45 300 km²

45 300 ²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY 0.128 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER AT NICKS ISLAND - STATION NO. 08NN129

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.143	---	3.770	3.935	4.106	2.371	2.890	2.969	2.999	1
2	2.835	---	---	---	2.621	---	4.039	---	2.435	---	---	3.060	2
3	---	2.646	2.030	1.073	---	3.837	4.118	3.981	---	2.835	2.938	3.051	3
4	---	---	---	---	---	---	4.240	3.856	---	---	---	---	4
5	---	2.585	1.963	---	2.173	---	4.374	3.780	1.978	2.743	2.966	3.060	5
6	2.847	---	---	1.036	---	3.871	4.462	3.719	---	---	---	---	6
7	---	2.566	---	---	2.103	3.932	4.666	3.679	---	2.755	2.990	3.109	7
8	---	---	---	0.969	2.063	3.877	4.791	---	2.475	---	---	---	8
9	---	---	1.841	---	---	3.862	4.816	3.603	2.536	2.768	2.691	3.072	9
10	2.944	2.466	---	---	2.033	3.868	4.770	3.378	---	---	---	---	10
11	---	---	1.631	0.872	---	3.859	4.706	3.402	2.545	2.752	2.755	3.109	11
12	---	2.451	---	---	---	3.798	4.654	3.359	---	---	---	---	12
13	2.984	---	1.503	0.853	2.051	3.834	4.575	3.362	---	2.829	2.984	---	13
14	---	2.451	---	---	---	3.810	4.706	---	---	---	---	3.054	14
15	3.033	---	---	---	---	3.783	4.322	3.292	2.576	2.987	---	---	15
16	---	---	1.445	0.762	---	3.859	4.270	3.231	---	---	2.746	3.048	16
17	2.643	2.457	---	---	---	3.865	4.310	3.170	2.606	3.139	---	---	17
18	---	---	1.433	0.762	2.078	3.871	4.377	3.188	---	---	2.963	2.999	18
19	---	2.490	---	---	---	3.904	4.346	3.182	2.509	2.960	---	---	19
20	2.755	---	1.372	---	2.704	3.892	4.221	3.191	---	---	2.786	3.054	20
21	---	2.518	---	0.829	---	3.877	4.191	3.088	---	2.908	---	---	21
22	2.835	---	---	---	3.036	3.901	4.161	3.011	2.649	---	2.673	3.024	22
23	---	---	1.329	1.036	---	3.911	4.313	2.877	---	2.886	---	---	23
24	---	---	---	---	---	3.935	4.298	2.765	2.789	---	2.914	---	24
25	---	2.213	1.289	1.573	---	4.039	4.282	2.731	---	---	---	---	25
26	---	2.198	---	---	3.655	4.048	4.276	2.697	---	2.914	3.005	---	26
27	2.835	2.185	1.231	---	---	3.932	4.285	2.621	2.691	---	---	2.688	27
28	---	---	---	1.554	3.770	3.786	---	2.405	---	2.963	2.987	---	28
29	---		---	---	---	3.719	4.218	---	2.777	---	---	---	29
30	2.722		1.158	1.926	3.837	3.853	4.173	---	---	3.002	---	2.978	30
31	2.688		---		---		4.103	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 4.816 ON JUL 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 07 02 N
LONG 116 34 39 W

REGULATED SINCE 1972

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 529.221 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER BELOW CORRA LINN - STATION NO. 08NJ116

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	513.099	513.336	513.092	513.058	513.080	514.941	514.920	514.806	513.071	513.077	513.086	513.107	1
2	513.091	513.305	513.229	513.049	513.074	514.870	514.754	514.744	513.076	513.060	513.087	513.102	2
3	513.068	513.312	513.312	513.084	513.090	514.915	514.741	514.663	513.077	513.087	513.072	513.101	3
4	513.074	513.260	513.330	513.059	513.071	514.950	514.838	514.593	513.095	513.057	513.091	513.096	4
5	513.072	513.412	513.357	513.061	513.059	514.980	514.880	514.500	513.090	513.081	513.060	513.107	5
6	513.061	513.435	513.217	513.066	513.330	514.967	515.036	514.445	513.110	513.080	513.082	513.088	6
7	513.063	513.226	513.112	513.066	513.366	514.975	515.172	514.381	513.110	513.089	513.079	513.099	7
8	513.207	513.238	513.115	513.078	513.076	514.899	515.297	514.343	513.099	513.076	513.071	513.088	8
9	513.436	513.247	513.114	513.072	513.063	514.851	515.368	514.283	513.099	513.081	513.075	513.102	9
10	513.609	513.275	513.066	513.087	513.085	514.837	515.379	514.231	513.093	513.083	513.064	513.105	10
11	513.592	513.250	513.075	513.079	513.069	514.762	515.387	514.084	513.109	513.093	513.072	513.108	11
12	513.590	513.263	513.116	513.073	513.080	514.664	515.368	513.978	513.100	513.091	513.078	513.083	12
13	513.658	513.219	513.129	513.072	513.082	514.484	515.336	513.805	513.089	513.072	513.061	513.103	13
14	513.641	513.152	513.129	513.078	513.084	514.504	515.326	513.662	513.111	513.222	513.082	513.126	14
15	513.640	513.142	513.126	513.074	513.082	514.485	515.284	513.588	513.091	513.209	513.079	513.128	15
16	513.658	513.150	513.129	513.085	513.082	514.488	515.162	513.628	513.099	513.277	513.075	513.129	16
17	513.620	513.266	513.125	513.085	513.076	514.512	515.114	513.615	513.098	513.074	513.114	513.108	17
18	513.485	513.317	513.117	513.071	513.084	514.549	515.116	513.602	513.116	513.087	513.066	513.119	18
19	513.330	513.112	513.125	513.072	513.079	514.548	515.120	513.785	513.113	513.081	513.076	513.122	19
20	513.262	513.089	513.121	513.064	513.253	514.555	515.058	513.923	513.095	513.128	513.100	513.111	20
21	513.302	513.095	513.119	513.067	513.470	514.540	515.008	513.620	513.097	513.102	513.110	513.115	21
22	513.335	513.083	513.104	513.086	513.565	514.550	514.835	513.605	513.076	513.107	513.107	513.111	22
23	513.343	513.095	513.113	513.074	513.598	514.554	514.612	514.078	513.131	513.113	513.113	513.081	23
24	513.377	513.083	513.111	513.095	513.596	514.580	514.733	513.449	513.084	513.107	513.104	513.073	24
25	513.440	513.077	513.116	513.082	513.592	514.591	514.860	513.336	513.081	513.117	513.085	513.073	25
26	513.510	513.097	513.108	513.078	513.605	514.623	514.866	513.320	513.061	513.096	513.105	513.053	26
27	513.525	513.099	513.083	513.146	513.675	514.659	514.853	513.300	513.055	513.086	513.116	513.089	27
28	513.562	513.090	513.083	513.148	514.049	514.641	515.022	513.216	513.055	513.083	513.113	513.089	28
29	513.549		513.078	513.084	514.702	514.556	515.116	513.131	513.081	513.095	513.108	513.082	29
30	513.558		513.067	513.098	514.863	514.600	515.096	513.078	513.059	513.092	513.099	513.076	30
31	513.342		513.077		514.859		514.878	513.082		513.098		513.183	31
MEAN	513.390	513.204	513.135	513.080	513.414	514.688	515.050	513.867	513.091	513.103	513.088	513.102	MEAN
MAX	513.658	513.435	513.357	513.148	514.863	514.980	515.387	514.806	513.131	513.277	513.116	513.183	MAX
MIN	513.061	513.077	513.066	513.049	513.059	514.484	514.612	513.078	513.055	513.057	513.060	513.053	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 513.521
MAXIMUM DAILY, 515.387 ON JUL 11
MINIMUM DAILY, 513.049 ON APR 2
MAXIMUM INSTANTANEOUS,
515.411 AT 08:52 PST ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 08 N
LONG 117 28 05 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER NEAR SKOOKUMCHUCK - STATION NO. 08NG053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.8E	27.7	25.4	30.6	110	518	456	314	112	63.6	48.8	41.0	1
2	42.5E	27.4	24.8	30.3	192	464	459	292	121	71.1	47.7	38.1	2
3	36.8E	27.2	25.0	29.4	186	490	422	273	117	85.8	47.5	34.6	3
4	34.3E	24.0	25.5	28.6	159	518	484	274	108	76.4	47.2	33.4	4
5	32.8E	20.9	26.4	28.6	149	462	564	253	107	70.7	45.8	34.6	5
6	33.1A	21.3	26.1	28.6	135	419	566	239	104	67.8	44.1	37.0	6
7	35.1	22.8	24.6	27.9	128	419	544	235	99.7	66.0	43.2	35.8	7
8	38.5	24.8	24.3	27.4	127	379	481	240	97.7	67.6	43.9	33.5	8
9	38.2	23.3	24.0	27.5	124	337	388	240	99.1	69.5	43.0	33.3	9
10	36.5	17.7	23.8	27.3	127	311	337	226	102	67.1	41.8	34.5	10
11	34.8	16.2	24.3	26.9	133	292	306	218	101	64.3	41.7	34.4	11
12	32.3	18.8	24.7	26.7	133	275	297	214	96.6	62.7	42.4	31.2	12
13	29.2	22.1	25.3	26.4	131	279	314	211	94.5	61.3	43.1	25.3	13
14	27.7	27.6	25.8	25.7	133	278	382	209	90.4	60.1	42.8	24.0	14
15	25.5	31.4	26.1	25.8	146	286	391	201	86.3	59.0	42.5	24.5	15
16	24.4	32.3	26.9	27.2	167	311	396	193	84.1	58.0	41.9	27.6	16
17	23.1	31.7	27.1	29.4	161	328	394	191	84.9	57.8	41.2	26.2	17
18	22.0	31.7	26.9	30.6	164	306	388	181	85.2	56.7	41.2	23.5	18
19	27.3	31.7	26.3	32.3	197	281	391	171	87.5	55.9	40.4	23.0	19
20	30.6	30.3	25.8	35.7	265	265	385	169	96.3	55.3	39.7	28.9	20
21	30.0	28.6	26.1	42.5	337	254	371	171	94.4	54.0	39.6	29.3	21
22	30.6	28.2	26.7	47.9	425	245	382	156	87.1	51.9	39.2	25.5	22
23	33.1	28.3	27.4	49.8	487	238	371	144	81.9	51.5	38.4	23.5	23
24	36.0	28.3	27.9	63.1	555	233	348	138	77.6	51.6	37.2	25.7	24
25	33.7	28.6	28.0	90.0	634	229	377	137	73.1	50.8	33.9	27.3	25
26	31.7	27.4	27.8	90.3	742	268	345	138	71.3	50.7	29.8	28.3E	26
27	30.3	25.7	28.2	82.7	767	343	317	139	69.0	52.1	28.5	28.0E	27
28	29.7	25.7	28.3	79.0	620	351	328	133	68.0	52.7	26.0	27.4E	28
29	29.4		28.9	79.0	524	314	331	123	67.4	51.6	29.6	25.0E	29
30	29.4		30.3	81.6	504	326	340	121	65.6	51.4	41.9	23.2E	30
31	29.2		30.9		530		340	119		49.4		21.6E	31
TOTAL	1 001.6	731.7	819.6	1 278.8	9 192	10 019	12 195	6 063	2 729.7	1 864.4	1 214.0	909.2	TOTAL
MEAN	32.3	26.1	26.4	42.6	297	334	393	196	91.0	60.1	40.5	29.3	MEAN
MAX	53.8	32.3	30.9	90.3	767	518	566	314	121	85.8	48.8	41.0	MAX
MIN	22.0	16.2	23.8	25.7	110	229	297	119	65.6	49.4	26.0	21.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 132
MAXIMUM DAILY, 767 ON MAY 27
MINIMUM DAILY, 16.2 ON FEB 11
MAXIMUM INSTANTANEOUS,
810 AT 23:00 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 38 N
LONG 115 44 08 W
DRAINAGE AREA, 7 120 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	86 500	JUL	1 050 000
FEB	63 200	AUG	524 000
MAR	70 800	SEP	236 000
APR	110 000	OCT	161 000
MAY	794 000	NOV	105 000
JUN	866 000	DEC	78 600

TOTAL DISCHARGE, 4 150 000 dam³

KUSKANAX CREEK AT 1040 m CONTOUR - STATION NO. 08NE117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.48E	1.26	0.878	1.12	16.0	20.0	28.3	7.82	4.19	3.29	3.99	1.51	1
2	3.34E	1.18	0.858	1.11	15.4	21.3	20.4	6.97	4.62	8.73	4.13	1.50	2
3	3.00E	1.13 B	0.855	1.09	11.5	25.4	20.7	7.14	3.48	5.68	4.12	1.43	3
4	2.66E	1.12 B	0.864	1.08	9.43	23.8	25.0	6.63	3.23	4.75	3.89	1.38	4
5	2.44E	1.09 B	0.855	1.07	8.24	21.4	26.8	5.95	3.11	4.11	3.64	1.36	5
6	2.33A	1.08 B	0.844	1.04	7.11	26.4	28.0	5.89	2.63	3.84	3.42	1.34	6
7	2.21	1.06 B	0.847	1.03	6.43	21.4	24.9	5.97	2.35	4.24	3.21	1.28	7
8	2.11	1.04 B	0.844	1.01	6.17	17.2	17.6	5.95	2.19	4.53	2.99	1.24	8
9	2.03	1.02 B	0.827	0.966	6.20	15.7	13.9	5.55	2.08	4.24	2.78	1.23	9
10	1.91	1.01 B	0.830	0.949	6.51	14.1	12.7	5.01	2.04	3.83	2.65	1.32	10
11	1.80	0.994B	0.833	0.946	7.33	13.1	13.4	4.70	1.87	3.57	2.53	1.23	11
12	1.75	0.991B	0.827	0.937	8.52	12.1	13.4	4.47	1.76	3.29	2.88	1.02	12
13	1.69	0.988B	0.844	0.917	10.4	11.8	16.2	4.19	1.66	3.06	2.63	1.20 B	13
14	1.57	1.01 B	0.867	0.915	12.6	11.8	18.0	3.79	1.58	2.92	2.49	1.13 B	14
15	1.54	1.03 B	0.909	0.929	15.2	14.3	15.8	3.45	1.49	2.79	2.40	1.16 B	15
16	1.46	1.20 A	0.974	1.06	15.7	21.8	16.5	3.34	1.43	2.73	2.29	1.13 B	16
17	1.43B	1.25	0.991	1.07	15.0	17.3	16.4	3.23	1.39	2.66	2.16	1.01	17
18	1.42B	1.16	1.00	1.17	16.9	13.5	16.4	2.86	1.39	2.55	2.09	1.18	18
19	1.40B	1.12	0.980	1.40	23.1	13.7	15.5	2.73	2.26	2.46	2.02	1.18	19
20	1.39	1.07	0.991	1.78	30.0	15.0	13.6	3.74	1.98	2.36	1.95	1.14	20
21	1.37	1.03	1.01	2.05 A	33.4	13.7	13.0	3.00	1.98	2.21	1.94	1.05	21
22	1.41	1.01	1.05	2.45 A	33.1	12.9	12.0	2.45	2.19	2.11	1.92	1.02	22
23	1.48	0.985	1.06	5.49	32.6	13.5	11.1	2.23	2.14	2.09	1.81	1.02	23
24	1.54	0.957	1.06	10.4	33.7	13.3	10.8	2.16	2.07	2.03	1.67	1.02	24
25	1.48	0.951	1.06	8.92	37.1	15.3	10.6	2.17	1.96	2.06	1.62	1.01	25
26	1.46	0.934	1.06	7.28	36.2	19.0	9.74	2.12	1.84	2.87	1.55	0.981	26
27	1.45	0.915	1.07	6.29	26.8	17.5	10.0	2.00	1.80	3.89	1.40	0.953	27
28	1.43	0.906	1.08	5.80	23.2	14.8	9.83	1.82	2.08A	4.24	1.57	0.940	28
29	1.40		1.12	5.72	23.0	15.0	9.40	1.87	2.56	4.19	1.58	0.928	29
30	1.36		1.12	7.82	24.9	18.6	9.15	2.02	2.60	3.84	1.51	0.903	30
31	1.35		1.12		25.7		7.65	1.80		3.72		0.878B	31
TOTAL	56.69	29.491	29.528	83.809	577.44	504.7	486.77	123.02	67.95	108.88	74.83	35.673	TOTAL
MEAN	1.83	1.05	0.953	2.79	18.6	16.8	15.7	3.97	2.27	3.51	2.49	1.15	MEAN
MAX	3.48	1.26	1.12	10.4	37.1	26.4	28.3	7.82	4.62	8.73	4.13	1.51	MAX
MIN	1.35	0.906	0.827	0.915	6.17	11.8	7.65	1.80	1.39	2.03	1.40	0.878	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.97
MAXIMUM DAILY, 37.1 ON MAY 25
MINIMUM DAILY, 0.827 ON MAR 9
MAXIMUM INSTANTANEOUS,
48.1 AT 22:55 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 36 N
LONG 117 31 05 W
DRAINAGE AREA, 113 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 900	JUL	42 100
FEB	2 550	AUG	10 600
MAR	2 550	SEP	5 870
APR	7 240	OCT	9 410
MAY	49 900	NOV	6 470
JUN	43 600	DEC	3 080

TOTAL DISCHARGE, 188 000 dam³

KUSKANAX CREEK NEAR NAKUSP - STATION NO. 08NE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.68	4.25	3.88E	5.38E	37.4	55.5	64.8	19.6	9.74	7.08	10.8	5.46	1
2	8.83	3.85	3.88E	5.18E	40.8	55.5	53.0	18.6	10.9	17.4	11.1	5.45	2
3	7.93	3.71	3.85E	4.96E	31.1	61.2	51.5	18.4	8.89	13.6	11.2	5.17	3
4	7.67	3.65B	3.82E	4.70E	25.5	60.3	60.9	17.9	8.24	11.7	11.2	5.06	4
5	7.31	3.54B	3.79E	4.70E	22.9	56.6	64.6	16.4	7.99	10.5	10.7	5.04	5
6	6.91	3.48B	3.68E	4.50E	20.3	65.7	67.1	16.1	7.05	10.2	10.3	5.01	6
7	6.54	3.40B	3.62E	4.36E	18.9	56.4	63.1	16.0	6.46	10.8	9.71	4.79	7
8	6.29	3.34B	3.62E	4.28E	18.3	48.4	49.6	15.5	6.06	11.7	9.17	4.65	8
9	6.09	3.28B	3.57E	4.20E	18.2	44.5	42.2	15.0	5.83	11.4	8.75	4.65	9
10	5.89	3.23B	3.57E	4.11E	18.8	41.3	38.5	14.2	5.64	10.7	8.33	4.99	10
11	5.61	3.17B	3.62E	4.05E	20.1	39.4	39.1	13.4	5.32	9.94	8.10	4.70	11
12	5.32	3.17B	3.71E	4.02E	21.7	37.7	38.8	12.5	5.13	9.34	8.61	4.11	12
13	5.15	3.20B	3.82E	3.91E	25.1	36.2	43.3	11.8	5.01	8.95	8.26	3.01	13
14	4.84	3.31B	3.96E	3.85E	29.7	35.1	50.1	10.9	4.87	8.50	7.77	4.63	14
15	4.70	3.74B	4.08E	3.88E	37.1	40.2	43.6	10.1	4.64	8.16	7.67	4.71	15
16	4.59	4.16B	4.53E	4.22A	40.8	56.1	43.9	9.66	4.56	7.99	7.37	4.35	16
17	4.59	4.84	4.62E	4.22E	40.5	48.7	43.6	9.49	4.42	7.76	7.04	3.92	17
18	4.62B	4.79	4.16E	4.28E	45.3	40.8	43.0	8.67	4.39	7.62	6.94	3.95	18
19	4.62B	4.67	4.08E	5.01E	58.0	40.8	42.5	8.18	6.31	7.56	6.74	4.19	19
20	4.64B	4.50	4.08E	5.83E	71.1	43.6	38.2	9.80	5.44	7.30	6.57	4.15	20
21	4.67	4.30	4.08E	6.51E	81.8	41.1	36.2	8.78	5.72	6.96	6.52	3.78	21
22	4.73	4.22	4.56E	9.12	83.5	39.4	33.4	7.56	5.83	6.78	6.54	3.74	22
23	4.90	4.22E	4.59E	16.0	81.0	41.1	30.3	6.97	5.69	6.69	6.35	3.57	23
24	5.13	4.13E	4.59E	25.1	81.8	39.9	28.3	6.57	5.47	6.57	6.08	3.71	24
25	4.84	4.13E	4.56E	22.5	89.5	43.6	26.8	6.46	5.18	6.53	5.84	3.65	25
26	4.73	4.11E	4.53E	19.6	93.2	50.7	24.1	6.26	5.07	8.05	5.77	3.56	26
27	4.73	4.02E	4.42E	18.0	70.2	49.3	23.9	5.95	5.01	9.83	5.32	3.46	27
28	4.64	3.94E	4.50E	17.4	62.3	43.0	23.6	5.61	5.69	10.7	5.53	3.36	28
29	4.62		5.10E	17.3	60.3	42.2	22.4	5.75	6.80	11.4	5.58	3.28	29
30	4.53		5.30E	19.4	64.0	47.9	22.8	6.09	6.51	10.6	5.40	3.22	30
31	4.47		5.30E		66.8		19.9	5.58		10.3		3.10	31
TOTAL	173.81	108.35	129.47	260.65	1 476.0	1 402.2	1 273.1	343.78	183.86	292.61	235.22	130.42	TOTAL
MEAN	5.61	3.87	4.18	8.69	47.6	46.7	41.1	11.1	6.13	9.44	7.84	4.21	MEAN
MAX	9.68	4.84	5.30	25.1	93.2	65.7	67.1	19.6	10.9	17.4	11.2	5.46	MAX
MIN	4.47	3.17	3.57	3.85	18.2	35.1	19.9	5.58	4.39	6.53	5.32	3.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.5
MAXIMUM DAILY, 93.2 ON MAY 26
MINIMUM DAILY, 3.01 ON DEC 13
MAXIMUM INSTANTANEOUS,
111 AT 22:50 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 03 N
LONG 117 48 44 W
DRAINAGE AREA, 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 000	JUL	110 000
FEB	9 360	AUG	29 700
MAR	11 200	SEP	15 900
APR	22 500	OCT	25 300
MAY	128 000	NOV	20 300
JUN	121 000	DEC	11 300

TOTAL DISCHARGE, 520 000 dam³

KWADACHA RIVER NEAR WARE - STATION NO. 07EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.2 B	9.20B	7.00B	6.35B	14.8B	319	142	104	146	49.8E	31.1E	17.7B	1
2	15.0 B	9.10B	7.05B	6.33B	15.2B	296	147	99.8	138	53.8E	30.0E	17.8B	2
3	14.7 B	9.00B	7.05B	6.33B	15.7B	265	162	96.5	116	52.1E	29.8E	17.7B	3
4	14.0 B	8.95B	7.00B	6.32B	16.3E	238	151	95.3	101	50.1E	30.5E	17.6B	4
5	13.5 B	8.90B	7.00B	6.31B	17.5E	216	130	92.4	89.7	47.8E	31.5E	17.5B	5
6	12.9 B	8.70B	7.00B	6.30B	22.0E	191	118	91.7	84.0	46.0E	32.0E	17.4B	6
7	12.4 B	8.60B	6.95B	6.29B	28.5E	173	109	94.5	91.4	45.4E	31.9E	17.2B	7
8	12.2 B	8.50B	6.80B	6.25B	35.5E	156	100	95.8	103	44.9E	30.5B	17.1B	8
9	12.0 B	8.25B	6.75B	6.25B	43.0E	140	91.3	97.8	102	43.8E	27.1B	16.8B	9
10	11.7 B	8.10B	6.70B	6.20B	48.0E	134	85.7	97.7	98.2	42.2E	26.8B	16.5B	10
11	11.6 B	7.90B	6.65B	6.20B	52.2	133	93.9	96.8	89.7	40.9E	27.0B	16.2B	11
12	11.5 B	7.70B	6.60B	6.20B	57.5	138	113	93.4	80.3	38.5E	27.4B	15.9B	12
13	11.3 B	7.55B	6.60B	6.20B	64.5	141	131	85.7	72.4	37.8E	27.5B	15.6B	13
14	11.2 B	7.45B	6.60B	6.20B	69.5	141	144	80.3	68.6	37.9E	27.4B	15.3B	14
15	10.9 B	7.30B	6.60B	6.20B	77.6	142	139	77.7	66.4	38.0E	26.9B	15.1B	15
16	10.7 B	7.25B	6.60B	6.22B	83.6	140	136	75.0	63.4A	39.5E	25.3B	14.8B	16
17	10.6 B	7.20B	6.60B	6.25B	96.9	132	141	72.4	63.0A	42.0E	24.3B	14.7B	17
18	10.5 B	7.15B	6.60B	6.30B	117	125	151	68.3	64.4A	43.5E	20.9B	14.6B	18
19	10.4 B	7.15B	6.60B	6.40B	136	123	156	65.8	68.7A	42.1E	19.9B	14.3B	19
20	10.4 B	7.15B	6.60B	6.50B	157	123	171	67.8	67.1A	41.9E	19.5B	14.1B	20
21	10.3 B	7.15B	6.60B	6.70B	170	125	172	66.1	65.1A	39.0E	19.1B	14.0B	21
22	10.2 B	7.15B	6.55B	6.90B	204	129	174	63.5E	63.4E	37.8E	18.8B	13.8B	22
23	10.1 B	7.15B	6.50B	7.20B	244	131	155	62.5E	60.0E	37.8E	18.6B	13.6B	23
24	10.0 B	7.15B	6.45B	7.70B	243	135	138	64.5E	58.1E	37.9E	18.5B	13.4B	24
25	9.80B	7.10B	6.45B	8.50B	243	147	129	68.8	56.4E	38.0E	18.3B	13.3B	25
26	9.75B	7.10B	6.40B	9.80B	265	149	126	89.1	54.0E	38.2E	18.1B	13.2B	26
27	9.70B	7.05B	6.40B	11.0 B	328	144	125	105	52.1E	38.9E	17.9B	13.1B	27
28	9.60B	7.02B	6.38B	12.2 B	352	134	119	191	50.0E	37.5E	17.7B	12.8B	28
29	9.50B		6.36B	13.3 B	306	131	113	177	49.1E	35.5E	17.6B	12.7B	29
30	9.40B		6.35B	14.2 B	304	145	109	145	48.4E	33.9E	17.6B	12.3B	30
31	9.30B		6.35B		322		107	145		32.5E		11.8B	31
TOTAL	350.35	217.97	206.14	223.10	4 149.3	4 836	4 078.9	2 926.2	2 329.9	1 286.0	729.5	467.9	TOTAL
MEAN	11.3	7.78	6.65	7.44	134	161	132	94.4	77.7	41.5	24.3	15.1	MEAN
MAX	15.2	9.20	7.05	14.2	352	319	174	191	146	53.8	32.0	17.8	MAX
MIN	9.30	7.02	6.35	6.20	14.8	123	85.7	62.5	48.4	32.5	17.6	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.7
MAXIMUM DAILY, 352 ON MAY 28
MINIMUM DAILY, 6.20B ON APR 10
MAXIMUM INSTANTANEOUS,
372 AT 03:50 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 27 00 N
LONG 125 38 15 W
DRAINAGE AREA, 2 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 300	JUL	352 000
FEB	18 800	AUG	253 000
MAR	17 800	SEP	201 000
APR	19 300	OCT	111 000
MAY	358 000	NOV	63 000
JUN	418 000	DEC	40 400

TOTAL DISCHARGE, 1 880 000 dam³

LAKE KOOCANUSA AT INTERNATIONAL BOUNDARY - STATION NO. 08NG079

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	4.072	5.394	5.372	4.418	1.401	---	1
2	---	---	---	---	---	---	4.329	5.376	5.371	4.417	1.321	---	2
3	---	---	---	---	---	---	4.444	5.358	5.359	4.443	1.113	---	3
4	---	---	---	---	---	---	4.475	5.353	5.347	4.477	0.911	---	4
5	---	---	---	---	---	---	4.537	5.343	5.318	4.471	0.706	---	5
6	---	---	---	---	---	---	4.652	5.322	5.313	4.430	0.500	---	6
7	---	---	---	---	---	---	4.728	5.295	5.370	4.443	0.418	---	7
8	---	---	---	---	---	---	4.761	5.264	5.355	4.471	0.421	---	8
9	---	---	---	---	---	---	4.718	5.256	5.332	4.495	0.387A	---	9
10	---	---	---	---	---	---	4.643	5.338	5.305	4.514	---	---	10
11	---	---	---	---	---	---	4.609	5.342	5.276	4.541	---	---	11
12	---	---	---	---	---	---	4.586	5.337	5.264	4.516	---	---	12
13	---	---	---	---	---	---	4.542	5.315	5.291	4.404	---	---	13
14	---	---	---	---	---	---	4.639	5.293	5.284	4.238	---	---	14
15	---	---	---	---	---	---	4.780	5.301	5.217	4.063	---	---	15
16	---	---	---	---	---	0.450	4.903	5.367	5.158	3.888	---	---	16
17	---	---	---	---	---	0.769	4.964	5.395	5.097	3.709	---	---	17
18	---	---	---	---	---	1.083	4.965	5.356	5.014	3.597	---	---	18
19	---	---	---	---	---	1.365	5.017	5.320	4.957	3.476	---	---	19
20	---	---	---	---	---	1.662	5.129	5.277	4.970	3.326	---	---	20
21	---	---	---	---	---	1.951	5.240	5.244	4.962	3.207	---	---	21
22	---	---	---	---	---	2.183	5.309	5.264	4.891	3.049	---	---	22
23	---	---	---	---	---	2.388	5.310	5.319	4.790	2.853	---	---	23
24	---	---	---	---	---	2.531	5.344	5.336	4.698	2.677	---	---	24
25	---	---	---	---	---	2.644	5.364	5.311	4.638	2.558	---	---	25
26	---	---	---	---	---	2.768	5.400	5.311	4.616	2.425	---	---	26
27	---	---	---	---	---	3.037	5.398	5.320	4.640	2.242	---	---	27
28	---	---	---	---	---	3.401	5.376	5.324	4.637	2.053	---	---	28
29	---		---	---	---	3.697	5.378	5.335	4.582	1.864	---	---	29
30	---		---	---	---	3.869	5.389	5.367	4.502	1.672	---	---	30
31	---		---		---		5.401	5.375		1.479		---	31
MEAN	---	---	---	---	---	---	4.916	5.326	5.084[1]	3.562	---	---	MEAN
MAX	---	---	---	---	---	---	5.401	5.395	5.372	4.541	---	---	MAX
MIN	---	---	---	---	---	---	4.072	5.244	4.502	1.479	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.401 ON JUL 31

MAXIMUM INSTANTANEOUS,
5.416 AT 05:30 MST ON AUG 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 744.035 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 115 10 12 W

A - MANUAL GAUGE

REGULATED SINCE 1972

LAMBLY CREEK ABOVE TERRACE CREEK - STATION NO. 08NM165

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.269E	0.187B	0.238B	0.354	3.82	1.97	0.674	0.532	0.297	0.266	0.586	0.337B	1
2	0.244E	0.176B	0.238B	0.340	3.26	1.77	0.612	0.459	0.436	0.301	0.638	0.328B	2
3	0.229E	0.167B	0.238B	0.326	2.60	1.63	0.578	0.402	0.303	0.255	0.553	0.320B	3
4	0.221E	0.164B	0.241B	0.314	2.35	1.52	0.530	0.411	0.280	0.236	0.475	0.360B	4
5	0.215E	0.159B	0.241B	0.326	1.96	1.45	0.504	0.371	0.269	0.231	0.421	0.360B	5
6	0.212B	0.161B	0.227B	0.326	1.78	1.41	0.473	0.343	0.244	0.355	0.396	0.348B	6
7	0.212B	0.150B	0.215B	0.320	1.68	1.24	0.569	0.323	0.218	0.864	0.380	0.343B	7
8	0.210B	0.142B	0.212B	0.320	1.73	1.18	0.663	0.311	0.204	0.619	0.364	0.343B	8
9	0.201B	0.130B	0.210B	0.320	2.11	1.24	0.643	0.297	0.195	0.514	0.359	0.345B	9
10	0.178B	0.119B	0.215B	0.311	2.36	1.42	0.629	0.278	0.173A	0.424	0.354	0.345B	10
11	0.187B	0.127B	0.215B	0.309	2.46	1.58	0.637	0.263	0.168	0.368	0.359	0.294B	11
12	0.130B	0.136B	0.215B	0.300	2.53	1.35	0.552	0.252	0.159	0.338	0.479	0.266B	12
13	0.122B	0.153B	0.221B	0.292	2.89	1.41	0.572	0.244	0.158	0.323	0.463	0.272B	13
14	0.119B	0.193B	0.244B	0.303	3.17	1.37	0.660	0.229	0.152	0.316	0.423	0.280B	14
15	0.119B	0.227B	0.258B	0.334	3.65	1.20	0.597	0.229	0.147	0.319	0.411	0.280B	15
16	0.122B	0.255B	0.261B	0.396	3.14	1.17	0.665	0.221	0.204	0.320	0.418	0.278B	16
17	0.127B	0.255B	0.244B	0.436	3.60	1.04	0.597	0.212	0.169	0.312	0.386	0.272B	17
18	0.133B	0.249B	0.232B	0.496	4.22	1.10	0.637	0.207	0.147	0.301	0.375	0.272B	18
19	0.147B	0.255B	0.232B	0.606	4.73	1.31	0.637	0.201	0.201	0.291	0.369	0.294B	19
20	0.159B	0.252B	0.238B	0.782	4.79	1.13	0.595	0.207	0.212	0.271	0.368	0.261B	20
21	0.173B	0.244B	0.238B	0.818	5.44	1.03	0.589	0.204	0.196	0.253	0.399	0.227B	21
22	0.184B	0.238B	0.238B	0.940	4.25	1.02	0.518	0.198	0.190	0.251	0.396	0.232B	22
23	0.190B	0.238B	0.238B	1.36	3.82	0.988	0.524	0.193	0.190	0.248	0.384	0.244B	23
24	0.190B	0.238B	0.255A	2.00	3.77	0.883	0.852	0.181	0.200	0.252	0.372	0.238B	24
25	0.181B	0.238B	0.258	1.76	4.25	0.796	0.824	0.167	0.205	0.262	0.326	0.227B	25
26	0.178B	0.244B	0.283	1.41	3.85	0.733	0.629	0.164	0.192	0.268	0.340B	0.221B	26
27	0.176B	0.249B	0.303	1.34	2.89	0.708	0.541	0.159	0.209	0.290	0.334B	0.221B	27
28	0.178B	0.244B	0.317	1.38	2.50	0.697	0.476	0.159	0.233	0.370	0.331B	0.215B	28
29	0.181B		0.340	1.54	2.26	0.665	0.473	0.198	0.253	0.463	0.331B	0.204B	29
30	0.187B		0.340	2.27	2.22	0.665	0.496	0.246	0.243	0.387	0.334B	0.193B	30
31	0.190B		0.351		2.16		0.515	0.212		0.392		0.173B	31
TOTAL	5.524	5.590	7.796	22.329	96.24	35.675	18.461	8.073	6.447	10.660	12.124	8.593	TOTAL
MEAN	0.178	0.200	0.251	0.744	3.10	1.19	0.596	0.260	0.215	0.344	0.404	0.277	MEAN
MAX	0.269	0.255	0.351	2.27	5.44	1.97	0.852	0.532	0.436	0.864	0.638	0.360	MAX
MIN	0.119	0.119	0.210	0.292	1.68	0.665	0.473	0.159	0.147	0.231	0.326	0.173	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.651
MAXIMUM DAILY, 5.44 ON MAY 21
MINIMUM DAILY, 0.119B ON JAN 14
MAXIMUM INSTANTANEOUS,
6.17 AT 07:00 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 39 N
LONG 119 36 52 W
DRAINAGE AREA, 76.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	477	JUL 1 600	
FEB	483	AUG 698	
MAR	674	SEP 557	
APR 1	930	OCT 921	
MAY 8	320	NOV 1 050	
JUN 3	080	DEC 742	

TOTAL DISCHARGE, 20 500 dam³

LAMBLY CREEK BELOW BALD RANGE CREEK - STATION NO. 08NM166

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.442E	0.348B	0.473	0.940	8.30	4.02	1.57	1.19	0.447	0.481	1.30	0.527B	1
2	0.408E	0.340B	0.470	0.883	7.53	3.57	1.42	1.04	0.875	0.536	1.38	0.510B	2
3	0.368E	0.331B	0.476	0.852	6.03	3.31	1.32	0.920	0.643	0.497	1.19	0.487B	3
4	0.337E	0.320B	0.487	0.799	5.32	3.14	1.22	0.997	0.549	0.452	1.03	0.544B	4
5	0.320E	0.314B	0.467	0.852	4.39	2.94	1.16	0.940	0.527	0.431	0.886	0.538B	5
6	0.314E	0.314B	0.459	0.869	4.02	2.92	1.10	0.816	0.450	0.57#	0.796	0.521B	6
7	0.311E	0.311B	0.453	0.841	3.88	2.62	1.18	0.722	0.411	1.59	0.742	0.515B	7
8	0.311E	0.309B	0.456	0.816	3.91	2.49	1.47	0.671	0.374	1.44	0.717	0.507B	8
9	0.309E	0.289B	0.453	0.801	4.70	2.66	1.38	0.620	0.348	1.19	0.707	0.498B	9
10	0.283E	0.283B	0.464	0.776	5.30	2.94	1.30	0.569	0.323A	0.982	0.710	0.496B	10
11	0.238E	0.314B	0.459	0.782	5.44	3.62	1.35	0.530	0.306	0.819	0.717	0.453B	11
12	0.221E	0.371B	0.459	0.739	5.41	2.97	1.20	0.493	0.287	0.716	0.978	0.419B	12
13	0.212E	0.396B	0.479	0.716	6.00	3.09	1.22	0.462	0.274	0.661	1.05	0.425B	13
14	0.207B	0.425B	0.549	0.739	6.43	3.11	1.49	0.439	0.261	0.638	0.939	0.447B	14
15	0.210B	0.462B	0.566B	0.841	7.73	2.73	1.34	0.411	0.250	0.629	0.903	0.453B	15
16	0.212B	0.496B	0.575B	1.02	7.11	2.66	1.41	0.394	0.289	0.628	0.890	0.450B	16
17	0.221B	0.510B	0.547B	1.13	7.53	2.38	1.26	0.396	0.268	0.618	0.816	0.433B	17
18	0.229B	0.507B	0.524B	1.27	8.50	2.36	1.46	0.377	0.242	0.600	0.785	0.436B	18
19	0.244B	0.510B	0.527B	1.53	9.68	2.97	1.48	0.360	0.299	0.576	0.770	0.450B	19
20	0.263B	0.510B	0.538B	1.89	9.40	2.76	1.43	0.360	0.352	0.556	0.765	0.425B	20
21	0.283B	0.490B	0.538B	1.99	11.5	2.41	1.29	0.360	0.348	0.516	0.802	0.399B	21
22	0.311B	0.484B	0.538B	2.18	9.06	2.37	1.14	0.360	0.343	0.493	0.789	0.411B	22
23	0.354B	0.490	0.558B	2.92	8.07	2.28	1.09	0.340	0.337	0.484	0.756	0.422B	23
24	0.357B	0.498	0.547B	4.42	7.79	2.10	1.68	0.326	0.353	0.488	0.722	0.425B	24
25	0.348B	0.510	0.552B	3.85	8.61	1.96	1.91	0.303	0.354	0.517	0.584	0.408B	25
26	0.340B	0.507	0.566B	3.34	8.75	1.81	1.44	0.289	0.354	0.528	0.592B	0.399B	26
27	0.334B	0.487	0.818	3.17	6.31	1.71	1.21	0.286	0.372	0.579	0.544B	0.411B	27
28	0.334B	0.484	0.898	3.23	5.15	1.62	1.04	0.278	0.420	0.729	0.541B	0.411B	28
29	0.337B		0.934	3.65	4.62	1.55	0.977	0.314	0.462	1.07	0.538B	0.391B	29
30	0.345B		0.943	4.98	4.50	1.51	1.06	0.396	0.452	0.953	0.510B	0.371B	30
31	0.348B		0.923		4.33		1.05	0.379		0.877		0.362B	31
TOTAL	9.351	11.610	17.696	52.816	205.30	78.58	40.647	16.338	11.570	21.852	24.449	13.944	TOTAL
MEAN	0.302	0.415	0.571	1.76	6.62	2.62	1.31	0.527	0.386	0.705	0.815	0.450	MEAN
MAX	0.442	0.510	0.943	4.98	11.5	4.02	1.91	1.19	0.875	1.59	1.38	0.544	MAX
MIN	0.207	0.283	0.453	0.716	3.88	1.51	0.977	0.278	0.242	0.431	0.510	0.362	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 11.5 ON MAY 21
MINIMUM DAILY, 0.207B ON JAN 14
MAXIMUM INSTANTANEOUS,
13.0 AT 08:00 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 30 N
LONG 119 33 24 W
DRAINAGE AREA, 229 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	808	JUL 3 510	
FEB	1 000	AUG 1 410	
MAR	1 530	SEP 1 000	
APR	4 560	OCT 1 890	
MAY 17	700	NOV 2 110	
JUN	6 790	DEC 1 200	

TOTAL DISCHARGE, 43 500 dam³

LANG CREEK NEAR POWELL RIVER - STATION NO. 08GB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3	3.43	4.70	10.2	4.25E	3.04	1.58	0.414	0.746	5.57	31.2	6.39	1
2	7.93	3.35	4.28	7.53	4.33E	2.84	1.58	0.393	0.871	5.57	22.4	7.99	2
3	6.98	3.19	5.08	6.88	5.48	2.84	1.58	0.319	0.746	5.57	16.9	7.19	3
4	6.48	2.92	5.57	6.25	8.04	2.96	1.58	0.304	0.630	4.83	10.3	7.19	4
5	5.57	2.80	5.35	8.67	7.82	3.31	1.55	0.304	0.477	3.72	8.97	25.8	5
6	5.48	2.64	4.66	8.97	6.93	5.08	1.55	0.304	0.477	11.3	7.82	25.8	6
7	5.04	2.46	4.28	6.88	6.98	4.02	1.14	0.288	0.477	16.9	6.98	13.6	7
8	4.70	2.28	4.19	5.57	7.25	3.43	1.08	0.288	0.477	15.2	6.25	11.3	8
9	4.70	2.01B	3.27	6.39	6.48	3.04	1.06 E	0.272	0.477	12.8	5.53	18.4 E	9
10	4.66	1.78B	3.72	5.48	6.40E	2.84	1.08 E	0.240	0.425E	8.10	5.08	19.4	10
11	4.45	1.25B	3.43	5.57	6.39	3.23	1.28	0.240	0.414	6.80E	7.48	15.6	11
12	4.19	1.25B	3.23	5.57	5.57	3.04	1.42	0.224	0.272	5.57	11.3	13.2	12
13	3.85	2.21	3.04	5.44	4.91	2.84	1.00	0.224	0.319	5.13	11.1	10.6	13
14	3.43	3.04	2.84	4.91	5.44	2.57	1.14	0.177	0.319	4.57	11.0 E	9.28	14
15	3.27	3.81	2.84	4.49	4.70	2.24	1.28	0.177	0.177	4.06	16.0	8.38	15
16	3.04	7.42	4.11	4.87	4.70	2.21	1.14	0.161	0.177	3.85	18.3	7.82	16
17	2.88	9.28	4.19	4.91	4.49	2.53	1.08	0.161	0.177	3.60	11.3	6.88	17
18	3.43	10.9	3.43	4.49	3.85	3.85	0.723	0.153	0.340E	3.23	10.9	9.28	18
19	3.68	18.3	3.04	3.72	3.55	5.57	0.519	0.153	0.319	2.92	9.94	13.2	19
20	4.79	13.9	2.84	3.64	3.81	4.06	0.519	0.153	0.456	2.80	10.6	14.3	20
21	5.53	9.79	2.57	4.62	3.60	3.81	0.519	0.145	1.11	2.61	14.7	14.3	21
22	6.48	8.10	2.46	6.72	3.54E	3.64	0.519	0.137	1.58	2.28	16.9	8.38	22
23	5.57	6.48	2.57	5.57	3.48E	3.60	0.519	0.145	4.28	2.28	15.6 E	8.38	23
24	5.30	5.57	2.84	5.00	4.25E	3.43	0.498	0.169	3.85	2.10	13.6	7.82	24
25	4.28	5.57	3.39	4.91	5.57	3.23	0.393	0.319	3.68 E	1.92	11.2	7.42	25
26	4.45	5.57	4.23	4.28	6.39	2.84	0.372	0.177	4.08 E	1.92	9.92	7.42	26
27	4.45	5.53	3.68E	4.02	5.13	2.46	0.372	0.177	3.85	2.88	8.10	6.48	27
28	4.28	5.13	3.23	4.62	4.49	2.32E	0.372	0.177	6.18	16.9	7.48	6.14E	28
29	4.28		5.57	4.47E	4.06	2.21E	0.319	0.177	6.48	16.0	6.72	5.57	29
30	4.11		7.25	4.39E	3.68	2.10	0.319	0.177	6.65 E	15.6 E	6.48	5.53	30
31	3.72		9.60		3.43		0.414	0.177		15.2		5.00	31
TOTAL	152.30	149.96	125.48	169.03	158.99	95.18	28.497	6.926	50.813	211.78	346.03	334.04	TOTAL
MEAN	4.91	5.36	4.05	5.63	5.13	3.17	0.919	0.223	1.69	6.83	11.5	10.8	MEAN
MAX	11.3	18.3	9.60	10.2	8.04	5.57	1.58	0.414	6.65	16.9	31.2	25.8	MAX
MIN	2.88	1.25	2.46	3.64	3.43	2.10	0.319	0.137	0.177	1.92	5.08	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.01
MAXIMUM DAILY, 31.2 ON NOV 1
MINIMUM DAILY, 0.137 ON AUG 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 47 50 N
LONG 124 22 48 W
DRAINAGE AREA, 128 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	2 460
FEB	13 000	AUG	598
MAR	10 800	SEP	4 390
APR	14 600	OCT	18 300
MAY	13 700	NOV	29 900
JUN	8 220	DEC	28 900

TOTAL DISCHARGE, 158 000 dam³

LARDEAU RIVER AT MARBLEHEAD - STATION NO. 08NN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.5E	19.6	19.8	25.6	83.5	208	183	129	59.2	48.1	31.2	21.9	1
2	37.9E	19.0	19.5	25.5	93.7	205	175	122	62.0	47.3	32.0	22.5	2
3	36.8E	18.3	19.1	25.4	85.8	211	168	117	54.9	40.2	32.1	22.1	3
4	34.5E	18.7	19.1	24.7	81.3	209	188	116	52.1	36.5	31.8	21.7	4
5	32.3E	18.4	19.3	24.7	82.1	196	213	109	51.0	34.5	30.9	21.7	5
6	29.7A	17.7	18.9	24.6	78.4	201	232	107	48.4	34.3	30.3	21.8	6
7	28.3	17.6	18.6	23.9	75.6	199	239	108	47.0	35.4	29.7	21.5	7
8	27.8	17.9	18.5	23.5	73.9	187	212	108	46.7	37.7	29.2	21.1	8
9	27.3	17.5B	18.5	23.7	73.9	177	186	107	47.0	37.4	28.6	20.8	9
10	26.4	17.2B	18.2	23.4	73.9	166	170	104	46.7	36.2	27.7	21.6	10
11	25.9	17.3B	18.4	23.1	77.0	157	164	101	44.2	35.1	27.4	21.7	11
12	25.4	17.2B	18.8	22.8	79.0	149	159	99.0	43.3	34.5	27.5	20.9	12
13	25.0	17.6B	19.3	22.3	83.8	141	163	97.7	41.1	33.7	28.4	18.5	13
14	24.5	18.3	19.4	21.7	88.9	137	186	94.0	39.4	33.1	27.6	18.8	14
15	24.0	18.5	19.8	22.0	96.8	141	174	90.3	40.5	32.3	28.1	19.9	15
16	23.2	19.4	20.2	23.4	102	155	173	89.5	40.2	31.4	27.7	19.1	16
17	22.1	21.1	20.6	23.8	104	148	171	87.5	39.9	30.9	27.1	18.1	17
18	22.5	22.4	20.5	25.0	110	138	172	83.0	40.2	30.0	27.0	17.8	18
19	22.3	22.6	20.3	27.1	127	133	172	80.1	42.8	29.7	26.6	18.1	19
20	21.8	22.4	20.6	29.7	149	132	167	86.4	41.1	29.2	26.1	18.4	20
21	21.4	21.7	20.6	32.3	175	128	164	79.6	41.6	28.1	25.9	18.0	21
22	21.2	21.2	20.9	33.4	189	123	161	72.8	41.6	27.4	26.2	17.7	22
23	21.4	21.0	21.4	39.9	200	122	156	68.8	43.6	26.1	26.3	17.3	23
24	21.9	20.7	21.4	59.7	208	118	151	67.4	45.0	25.7	25.8	17.1	24
25	21.6	20.9	21.6	61.7	227	119	150	67.4	46.4	25.3	24.4	17.1	25
26	21.0	20.6	21.5	56.8	247	129	143	66.5	47.9	27.6	24.0	17.0	26
27	21.0	20.3	21.7	54.1	234	135	143	63.4	48.7	29.7	23.1	16.7	27
28	20.7	20.2	22.1	54.9	222	131	147	58.6	48.4	31.2	22.2	16.6	28
29	20.4		23.2	57.2	211	131	147	55.8	45.6	33.0	22.1	16.3	29
30	20.4		24.1	61.2	210	143	143	55.5	46.7	31.8	22.0	16.0	30
31	20.3		24.7		217		132	51.5		30.7		15.5	31
TOTAL	787.5	545.3	630.6	996.7	4 159.6	4 669	5 304	2 742.8	1 383.2	1 024.1	819.0	593.3	TOTAL
MEAN	25.4	19.5	20.3	33.2	134	156	171	88.5	46.1	33.0	27.3	19.1	MEAN
MAX	38.5	22.6	24.7	61.7	247	211	239	129	62.0	48.1	32.1	22.5	MAX
MIN	20.3	17.2	18.2	21.7	73.9	118	132	51.5	39.4	25.3	22.0	15.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.8
MAXIMUM DAILY, 247 ON MAY 26
MINIMUM DAILY, 15.5 ON DEC 31
MAXIMUM INSTANTANEOUS,
256 AT 03:30 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 47 N
LONG 116 58 02 W
DRAINAGE AREA, 1 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 000	JUL	458 000
FEB	47 100	AUG	237 000
MAR	54 500	SEP	120 000
APR	86 100	OCT	88 500
MAY	359 000	NOV	70 800
JUN	403 000	DEC	51 300

TOTAL DISCHARGE, 2 040 000 dam³

LAVENTIE CREEK NEAR THE MOUTH - STATION NO. 08JA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14 B	0.708B	0.544B	0.534	1.86	10.2 E	14.0 E	8.62	6.74	15.3	2.33	0.910B	1
2	1.13 B	0.696B	0.533B	0.518	1.67	9.20E	20.0 E	7.78	7.77	5.31	2.23	0.950B	2
3	1.12 B	0.684B	0.522B	0.474	1.59	13.0 E	24.0 E	8.17	6.66	3.16	2.35	0.920B	3
4	1.10 B	0.672B	0.511B	0.486	2.22	10.8 E	14.0 E	8.97	5.24	2.44	2.01	0.890B	4
5	1.09 B	0.660B	0.500B	0.491	3.27	8.40E	9.50E	9.96	5.90	1.94	2.81	0.835B	5
6	1.07 B	0.650B	0.494B	0.471	4.22	6.80E	6.60E	9.76	7.55	2.17	2.98	0.798B	6
7	1.05 B	0.640B	0.488B	0.452	5.48	5.80E	6.00E	10.6	7.86	3.22	2.52	0.761B	7
8	1.03 B	0.630B	0.482B	0.446	5.58	5.50E	5.90E	11.2	8.15	2.86	3.65	0.724B	8
9	1.02 B	0.620B	0.476B	0.460	5.39	6.00E	6.40E	11.2	10.2	2.31	5.76	0.687B	9
10	1.01 B	0.610B	0.470B	0.429	3.96	7.50E	9.00E	10.5	8.89	1.88	4.32 A	0.650B	10
11	0.995B	0.606B	0.466B	0.428	3.91	11.3 E	15.0 E	9.51	8.57	1.62	3.90 E	0.629B	11
12	0.985B	0.602B	0.462B	0.638	4.41	8.60E	19.0 E	8.36	5.28	1.53	3.30 E	0.608B	12
13	0.971B	0.598B	0.458B	0.453	5.71	9.70E	22.0 E	7.22	4.07	1.79	2.80 E	0.587B	13
14	0.930B	0.595B	0.454B	0.425	6.73	10.8 E	22.5 E	7.51	4.33	2.25	2.45 E	0.566B	14
15	0.900B	0.610B	0.450B	0.435	7.89	11.2 E	16.0 E	7.23	4.37	3.75	2.20 E	0.545B	15
16	0.850B	0.630B	0.445B	0.499	7.95	8.20E	20.7 A	7.04A	5.13	3.75	2.00 E	0.534B	16
17	0.820B	0.650B	0.440B	0.435	7.33	6.90E	21.1	7.30E	5.59	2.85	1.84 E	0.523B	17
18	0.790B	0.670B	0.435B	0.431	8.09	7.40E	24.9	7.45E	7.03	3.66	1.70 E	0.512B	18
19	0.770B	0.690B	0.430B	0.452	9.54	8.00E	24.9	7.80E	4.92	2.49	1.60 E	0.501B	19
20	0.820B	0.680B	0.425B	0.514	12.9	7.20E	18.5	8.60E	3.91	1.80	1.50 E	0.490B	20
21	0.880B	0.663B	0.422B	0.508	14.4	6.70E	14.9	7.30E	3.92	1.71	1.41 E	0.482B	21
22	0.880B	0.646B	0.419B	0.600	13.0	6.40E	12.2	6.60E	3.66	1.46	1.32 E	0.474B	22
23	0.855B	0.629B	0.417B	1.01	13.7	9.00E	11.8	13.0 E	3.32	1.46	1.23 E	0.466B	23
24	0.830B	0.612B	0.415B	1.15	15.3	10.4 E	12.1	10.0 E	3.03	2.13	1.15 E	0.458B	24
25	0.810B	0.595B	0.418	0.909	16.5	11.0 E	15.4	5.80E	2.85	2.53	1.08 E	0.450B	25
26	0.794B	0.580B	0.453	0.845	14.5 A	10.2 E	16.2	6.40E	2.75	1.67	1.02 B	0.443B	26
27	0.778B	0.565B	0.460	0.850	12.5 E	9.80E	13.0	5.48A	2.68	1.50	0.980B	0.436B	27
28	0.762B	0.555B	0.607	0.837	11.6 E	11.5 E	11.0	5.02	2.82	1.44	0.950B	0.429B	28
29	0.746B		0.594	0.917	15.0 E	15.8 E	9.94	4.59	2.76	1.38	0.930B	0.422B	29
30	0.710B		0.539	1.42	19.0 E	14.3 E	11.1	4.71	45.7	2.37	0.920B	0.415B	30
31	0.720B		0.571		12.6 E		9.69	5.72		5.14		0.410B	31
TOTAL	28.376	17.746	14.800	18.517	267.80	277.60	457.33	249.40	201.65	88.87	65.240	18.505	TOTAL
MEAN	0.915	0.634	0.477	0.617	8.64	9.25	14.8	8.05	6.72	2.87	2.17	0.597	MEAN
MAX	1.14	0.708	0.607	1.42	19.0	15.8	24.9	13.0	45.7	15.3	5.76	0.950	MAX
MIN	0.720	0.555	0.415	0.425	1.59	5.50	5.90	4.59	2.68	1.38	0.920	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.67
MAXIMUM DAILY, 45.7 ON SEP 30
MINIMUM DAILY, 0.410B ON DEC 31
MAXIMUM INSTANTANEOUS,
143 AT 20:21 PST ON SEP 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 09 N
LONG 127 32 13 W
DRAINAGE AREA, 86.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 450	JUL	39 500
FEB	1 530	AUG	21 500
MAR	1 280	SEP	17 400
APR	1 600	OCT	7 680
MAY	23 100	NOV	5 640
JUN	24 000	DEC	1 600

TOTAL DISCHARGE, 187 000 dam³

LEMIEUX CREEK NEAR MOUNT OLIE - STATION NO. 08LB042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 E	0.850E	0.794	1.28	4.46	4.03	3.25	1.15	0.346	0.293	0.382	0.648	1
2	1.25 E	0.809E	0.772	1.27	5.16	3.78	3.04	1.16	0.360	0.327	0.377	0.663	2
3	1.14 E	0.790E	0.805	1.29	5.64	3.65	2.84	1.16	0.350	0.331	0.405	0.619	3
4	1.04 E	0.762E	0.851	1.26	6.18	3.64	2.61	1.12	0.361	0.341	0.428	0.637	4
5	0.987E	0.740E	0.849	1.27	6.32	3.60	2.38	1.08	0.351	0.336	0.429	0.644	5
6	0.935E	0.720E	0.818	1.28	6.37	3.44	2.20	1.05	0.345	0.345	0.434	0.647	6
7	0.911A	0.695E	0.796	1.24	6.37	3.15	2.22	1.01	0.326	0.524	0.437	0.617	7
8	0.884	0.657E	0.786	1.24	6.42	2.99	2.06	0.960	0.318	0.486	0.440	0.614	8
9	0.872	0.640E	0.782	1.27	6.82	2.90	1.95	0.893	0.305	0.463	0.457	0.622	9
10	0.867	0.612E	0.778	1.28	7.50	2.84	1.88	0.832	0.297	0.446	0.463	0.604	10
11	0.837	0.588E	0.777	1.30	7.55	2.78	1.88	0.777	0.282	0.417	0.455	0.595	11
12	0.818	0.590E	0.775	1.28	7.51	2.68	1.77	0.727	0.277	0.389	0.518	0.465	12
13	0.818	0.650E	0.770	1.29	7.53	2.58	1.66	0.647	0.267	0.352	0.539	0.443	13
14	0.793	0.728E	0.782	1.26	7.85	2.65	1.66	0.591	0.262	0.341	0.561	0.475	14
15	0.758	0.754	0.786	1.21	8.24	2.68	1.60	0.551	0.248	0.336	0.588	0.510	15
16	0.706	0.798A	0.896	1.17	8.44	2.67	1.53	0.505	0.238	0.345	0.620	0.488	16
17	0.708	0.727	0.915	1.17	8.45	2.93	1.46	0.488	0.233	0.315	0.639	0.455	17
18	0.753	0.727	0.920	1.20	8.44	3.03	1.37	0.462	0.228	0.308	0.636	0.460	18
19	0.740	0.773	0.916	1.24	8.34	3.31	1.30	0.433	0.263	0.307	0.636	0.526	19
20	0.718	0.808	0.901	1.37	8.13	3.41	1.44	0.418	0.254	0.297	0.694	0.550	20
21	0.732	0.807	0.900	1.53	7.84	3.61	1.67	0.407	0.255	0.288	0.704	0.475	21
22	0.725	0.803	0.900	1.71	7.49	3.98	1.60	0.391	0.251	0.282	0.704	0.431	22
23	0.779	0.795	0.892	1.88	7.17	4.42	1.55	0.358	0.255	0.279	0.708	0.388	23
24	0.827	0.788	0.897	2.53	6.67	5.01	1.50	0.337	0.255	0.271	0.729	0.468	24
25	0.840	0.801	0.926	2.76	6.37	4.89	1.45	0.324	0.247	0.267	0.696	0.489	25
26	0.854	0.799	0.961	2.73	6.48	4.61	1.31	0.307	0.241	0.277	0.671	0.504	26
27	0.890	0.797	0.980	2.75	6.09	4.20	0.803	0.298	0.239	0.270	0.651	0.492	27
28	0.900	0.805	1.02	2.91	5.42	3.74	0.812	0.294	0.245	0.309	0.606	0.480	28
29	0.910		1.13	3.15	4.77	3.39	0.828	0.303	0.242	0.364	0.601	0.447	29
30	0.915		1.17	3.44	4.38	3.27	0.970	0.316	0.261	0.342	0.627	0.445E	30
31	0.909		1.22		4.39		1.06	0.314		0.361		0.444E	31
TOTAL	27.216	20.817	27.465	50.56	208.79	103.86	53.653	19.663	8.402	10.609	16.835	16.345	TOTAL
MEAN	0.878	0.743	0.886	1.69	6.74	3.46	1.73	0.634	0.280	0.342	0.561	0.527	MEAN
MAX	1.40	0.850	1.22	3.44	8.45	5.01	3.25	1.16	0.361	0.524	0.729	0.663	MAX
MIN	0.706	0.588	0.770	1.17	4.38	2.58	0.803	0.294	0.228	0.267	0.377	0.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.55
MAXIMUM DAILY, 8.45 ON MAY 17
MINIMUM DAILY, 0.228 ON SEP 18
MAXIMUM INSTANTANEOUS,
8.47 AT 11:00 PST ON MAY 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 00 N
LONG 120 12 58 W
DRAINAGE AREA, 195 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 350	JUL	4 640
FEB	1 800	AUG	1 700
MAR	2 370	SEP	726
APR	4 370	OCT	917
MAY	18 000	NOV	1 450
JUN	8 970	DEC	1 410

TOTAL DISCHARGE, 48 700 dam³

LEMIEUX CREEK NEAR THE MOUTH - STATION NO. 08LB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.08E	1.31 E	1.03 E	2.21	8.91	6.61	7.64	3.77	1.1[illegible]	0.971E	1.49	1.19	1
2	1.67	1.20 E	1.35	2.07	9.00	6.71	7.17	3.60	1.[illegible]	1.06	1.36	1.36	2
3	1.67E	1.09 E	1.35	2.04E	10.2	7.27	6.71	3.52	1.[illegible]	1.10	1.32	1.36	3
4	1.67	0.980E	1.60	2.04E	11.5	6.99	6.06	3.36	1.40	1.13 E	1.40	1.32	4
5	1.69E	0.869	1.40	2.07	11.5	7.17	5.72	3.20	1.19	1.16	1.32	1.36	5
6	1.71E	0.869	1.07	2.07	11.5	6.51E	5.30	3.20	1.16	1.19	1.32	1.36	6
7	1.73	0.833E	1.47	2.14	11.6	6.26E	5.55	3.20	1.16	1.78	1.27	1.36	7
8	1.70E	0.807E	1.53	2.07	11.6	5.97	5.13	2.61	1.13	1.44	1.27	1.03	8
9	1.67E	0.793E	1.47	2.00	12.7	6.06	4.98E	2.48	1.06	1.44	1.19	1.19	9
10	1.63E	0.779E	0.981	2.04E	13.2	5.95E	4.84E	2.48	1.03	1.42 E	1.23	1.00	10
11	1.60	0.762E	1.11 E	2.06E	13.0	5.92E	4.70	2.28	1.03	1.40	1.27	1.01 E	11
12	1.60	0.796E	1.23 E	2.08E	14.1	6.14	4.11	2.10	0.971	1.44	1.36	0.954E	12
13	1.77E	0.869E	1.35	2.08E	14.3	5.92E	3.84	1.94	0.940	1.36	1.32	0.934E	13
14	1.95E	1.06 E	1.40	2.00E	14.4	5.86E	4.53	1.78	0.909	1.23	1.40	0.968E	14
15	2.12E	1.33 E	1.53 E	1.94E	15.0	6.14	4.19	1.72	0.878	1.23	1.44	1.03 E	15
16	2.29E	1.40	1.67	1.87E	15.3 E	6.24	4.02	1.72	0.797	1.27	1.40	1.06	16
17	2.46E	1.40 E	1.46 E	1.88E	14.8 E	6.33	4.02	1.53	0.824	1.20 E	1.44	0.940	17
18	2.63E	1.40	1.26	1.93	14.8	6.61	3.60	1.53	0.770	1.13	1.40	0.909	18
19	2.80	1.60	1.53	2.36	14.4	7.36	3.60	1.49	0.909	1.16	1.32	1.00	19
20	1.31	1.40	1.52 E	2.58	13.7 E	7.36	4.28	1.40	0.878	1.16	1.19	1.10	20
21	1.26	1.60	1.51 E	2.96	13.1 E	7.73	4.28	1.32	0.851	1.16	1.23E	1.02 E	21
22	1.21	1.35	1.50 E	3.28	12.3 E	8.41	4.19	1.23	0.851	1.10	1.27	0.940	22
23	1.21E	1.40	1.48 E	3.77	11.5 E	8.71	4.11	1.19	0.909	1.16	1.53	1.00	23
24	1.19E	1.47	1.47	4.96	11.0 E	10.3	3.94	1.16	0.878	1.06	1.40	1.00	24
25	1.19E	1.35	1.35	5.97	10.6	9.84	3.60	1.06	0.878	1.10 E	1.32	1.00 E	25
26	1.18E	1.35	1.40	5.97	12.0	9.36	3.44	1.03	0.851	1.13	1.27	0.966E	26
27	1.17	1.21	1.53	6.24	10.7 E	8.81	3.28	1.03	0.824	1.10	1.32	0.920E	27
28	1.53	1.03	1.73	6.48E	9.97E	7.83	3.36	1.00	0.824	1.16	1.23	0.878E	28
29	1.47		1.87	6.71	9.36	7.45	3.52	1.13	0.824	1.36	1.23	0.838E	29
30	1.53		2.00	7.17	8.86E	7.45	3.68	1.13	0.878	1.40	1.23	0.821E	30
31	1.42E		1.87		8.51		3.77	1.06		1.57		0.796E	31
TOTAL	52.11	32.307	45.021	95.04	373.41	215.27	140.76	61.25	29.314	38.571	39.74	32.614	TOTAL
MEAN	1.68	1.15	1.45	3.17	12.0	7.18	4.54	1.98	0.977	1.24	1.32	1.05	MEAN
MAX	2.80	1.60	2.00	7.17	15.3	10.3	7.64	3.77	1.40	1.78	1.53	1.36	MAX
MIN	1.17	0.762	0.981	1.87	8.51	5.86	3.28	1.00	0.770	0.971	1.19	0.796	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 15.3E ON MAY 16
MINIMUM DAILY, 0.762E ON FEB 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 25 31 N
LONG 120 12 01 W
DRAINAGE AREA, 443 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 500	JUL	12 200
FEB	2 790	AUG	5 290
MAR	3 890	SEP	2 530
APR	8 210	OCT	3 330
MAY	32 300	NOV	3 430
JUN	18 600	DEC	2 820

TOTAL DISCHARGE, 99 900 dam³

LEMON CREEK ABOVE SOUTH LEMON CREEK - STATION NO. 08NJ160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.06	1.49B	1.46	1.88	11.8 E	23.6	24.9	5.64	2.94	2.04	3.00	1.95	1
2	2.83	1.44B	1.46	1.85	14.2 E	22.5	18.8	5.38	3.03	2.63	2.96	1.90	2
3	2.56B	1.41B	1.51	1.87	12.9 E	22.9	18.5	5.38	2.53	2.30	2.99	1.81	3
4	2.35B	1.40B	1.51	1.86	12.3 E	26.3	22.0	5.07	2.46	2.17	2.98	1.85	4
5	2.18B	1.40B	1.48	1.84	11.2 E	22.6	24.4	4.73	2.48	2.12	2.83	1.92	5
6	2.07B	1.39B	1.41	1.80	10.2 E	26.1	23.9	4.56	2.43	2.63	2.73	1.91	6
7	1.98B	1.33B	1.39	1.76	9.49E	22.8	26.5	4.70	2.33	3.26	2.61	1.87	7
8	1.90B	1.33B	1.34	1.79	8.64E	19.6	19.3	4.56	2.21	3.23	2.58	1.87	8
9	1.85B	1.33B	1.30	1.80	8.21E	17.5	16.4	4.36	2.12	3.06	2.54	1.98	9
10	1.76B	1.30B	1.30	1.79	8.07E	16.6	14.5	4.13	2.01	2.86	2.39	2.42	10
11	1.59B	1.28B	1.32	1.70	7.99	15.1	14.0	3.99	1.97	2.76	2.46	2.13	11
12	1.54B	1.28B	1.37	1.70	8.41	14.0	13.8	3.79	1.93	2.77	2.94	1.67	12
13	1.50B	1.28B	1.43	1.70E	8.78	13.8	15.6	3.71	1.83	2.69	2.92	1.88	13
14	1.47B	1.29B	1.44	1.67E	9.43	13.3	16.1	3.68	1.84	2.52	2.83	2.36	14
15	1.47B	1.32	1.50	1.73E	13.3	13.6	14.1	3.54	1.81	2.45	2.78	1.94	15
16	1.43B	1.38	1.51	1.80E	13.1	16.1	13.7	3.60	1.76	2.38	2.77	1.74	16
17	1.42B	1.49	1.61	2.04E	13.1	15.9	13.3	3.40	1.69	2.36	2.70	1.67	17
18	1.42B	1.48	1.71	2.24E	13.9	14.4	13.2	3.23	1.66	2.30	2.65	1.64	18
19	1.43B	1.63	1.61	2.49E	17.8	14.0	13.1	3.14	1.72	2.29	2.55	1.67	19
20	1.43B	1.67	1.70	2.89E	21.2	14.2	12.6	3.74	1.79	2.24	2.56	1.63	20
21	1.44B	1.55	1.59	3.54E	24.6	14.2	11.3	3.37	1.87	2.02	2.60	1.61	21
22	1.61B	1.55	1.66	4.39E	27.9	13.9	10.7	2.97	1.79	1.97	2.55	1.56	22
23	1.84B	1.57	1.66	5.97E	26.8	14.0	10.4	2.78	1.79	1.92	2.54	1.53B	23
24	2.04B	1.51	1.63	12.0 E	28.9	13.8	9.85	2.64	1.75	1.89	2.35	1.51B	24
25	1.81D	1.59	1.66	11.5 E	35.4	14.3	9.43	2.69	1.67	1.96	2.09	1.50	25
26	1.76B	1.59	1.74	10.9 E	41.9	16.3	8.64	2.61	1.64	2.09	2.12	1.48	26
27	1.73B	1.52	1.74	10.2 E	30.9	17.9	8.04	2.46	1.64	2.52	1.88	1.51	27
28	1.71B	1.48	1.79	9.34E	26.8	16.7	8.16	2.34	2.23	3.29	1.93	1.49	28
29	1.70B		1.80	9.20E	26.0	16.1	7.62	2.25	2.47	3.32	2.00	1.47B	29
30	1.56B		1.81	9.91E	27.6	18.8	6.63	2.40	2.24	3.06	1.93	1.43B	30
31	1.50B		1.80		29.2		5.97	2.38		2.98		1.40B	31
TOTAL	55.94	40.28	48.24	125.15	560.02	520.9	445.64	113.22	61.63	78.08	76.76	54.30	TOTAL
MEAN	1.80	1.44	1.56	4.17	18.1	17.4	14.4	3.65	2.05	2.52	2.56	1.75	MEAN
MAX	3.06	1.67	1.81	12.0	41.9	26.3	26.5	5.64	3.03	3.32	3.00	2.42	MAX
MIN	1.42	1.28	1.30	1.67	7.99	13.3	5.97	2.25	1.64	1.89	1.88	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.97
MAXIMUM DAILY, 41.9 ON MAY 26
MINIMUM DAILY, 1.28B ON FEB 11
MAXIMUM INSTANTANEOUS,
46.4 AT 10:10 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 51 N
LONG 117 27 00 W
DRAINAGE AREA, 178 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 830	JUL	38 500
FEB	3 480	AUG	9 780
MAR	4 170	SEP	5 320
APR	10 800	OCT	6 750
MAY	48 400	NOV	6 630
JUN	45 000	DEC	4 690

TOTAL DISCHARGE, 188 000 dam³

LIARD RIVER ABOVE BEAVER RIVER - STATION NO. 10BE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	430B	360B	319B	320B	490B	7 620E	3 210E	1 600E	1 700E	1 230E	1 170B	645B	1
2	427B	360B	315B	319B	530B	7 600E	3 250E	1 560E	1 640E	1 240E	1 160B	635B	2
3	425B	362B	311B	315B	575B	7 050E	3 300E	1 520E	1 580E	1 250E	1 140B	625B	3
4	423B	365B	310B	312B	635B	6 450E	3 310E	1 490E	1 500E	1 230E	1 120B	602B	4
5	421B	367B	310B	309B	710B	6 050E	3 150E	1 470E	1 410E	1 200E	1 110B	590B	5
6	419B	369B	311B	304B	790B	5 400E	2 900E	1 460E	1 320E	1 170E	1 100B	575B	6
7	419B	370B	313B	300B	850E	4 950E	2 800E	1 480E	1 300E	1 130E	1 090B	562B	7
8	417B	367B	315B	298B	1 010E	4 600E	2 700E	1 500E	1 320E	1 090E	1 030B	558B	8
9	412B	365B	317B	297B	1 270E	4 250A	2 620E	1 470E	1 420E	1 060E	1 010B	550B	9
10	408B	361B	320B	296B	1 500E	4 180E	2 600E	1 420E	1 500E	1 040E	990B	545B	10
11	404B	357B	322B	295B	1 800E	4 000E	2 650E	1 370E	1 610E	1 020E	970B	540B	11
12	403B	354B	324B	293B	2 100E	3 900E	2 750E	1 320E	1 720E	1 010E	965B	530B	12
13	405B	351B	326B	291B	2 350E	3 950E	2 790E	1 280E	1 810E	1 000E	950B	525B	13
14	408B	349B	326B	290B	2 520E	4 040E	2 670E	1 260E	1 880E	1 020E	900B	520B	14
15	410B	347B	327B	290B	2 510E	4 160E	2 580E	1 230E	1 810E	1 050A	855B	520B	15
16	408B	346B	328B	290B	2 460E	4 280E	2 540E	1 200E	1 740E	1 140E	830B	520B	16
17	405B	348B	329B	290B	2 480E	4 410E	2 500E	1 170E	1 700E	1 210E	795B	520B	17
18	402B	350B	327B	289B	2 610E	4 340E	2 470E	1 140E	1 700E	1 300E	790B	525B	18
19	401B	352B	325B	289B	2 950E	4 280E	2 350E	1 110E	1 690E	1 400E	780B	525B	19
20	400B	354B	321B	288B	3 150E	4 220E	2 250E	1 090E	1 680E	1 370E	770B	525B	20
21	400B	356B	317B	288B	3 400E	4 280E	2 150E	1 070E	1 640E	1 280E	755B	520B	21
22	400B	357B	314B	290B	3 900E	4 220E	2 070E	1 050E	1 580E	1 240E	745B	515B	22
23	400B	352B	312B	295B	4 550E	4 080E	2 010E	1 040E	1 520E	1 230E	730B	510B	23
24	399B	349B	310B	300B	5 150E	3 850E	1 980E	1 030E	1 450E	1 240E	705B	500B	24
25	395B	345B	309B	315B	5 450E	3 750E	1 920E	1 020E	1 390E	1 280E	695B	498B	25
26	390B	339B	310B	338B	5 650A	3 630E	1 890E	1 020E	1 340E	1 330B	690B	499B	26
27	385B	333B	312B	365B	5 950E	3 480E	1 830E	1 040E	1 300E	1 310B	685B	495B	27
28	380B	325B	314B	390B	6 800E	3 380E	1 780E	1 140E	1 270E	1 270B	680B	480B	28
29	374B		316B	420B	7 300E	3 280E	1 730E	1 420E	1 250E	1 200B	675B	470B	29
30	368B		318B	450B	7 920E	3 250E	1 690E	1 820E	1 240E	1 190B	650B	460B	30
31	362B		319B		7 650E		1 650E	1 780E		1 180B		455B	31
TOTAL	12 500	9 910	9 847	9 426	97 010	136 930	76 090	40 570	46 010	36 910	26 535	16 542	TOTAL
MEAN	403	354	318	314	3 130	4 560	2 450	1 310	1 530	1 190	885	534	MEAN
MAX	430	370	329	450	7 920	7 620	3 310	1 820	1 880	1 400	1 170	645	MAX
MIN	362	325	309	288	490	3 250	1 650	1 020	1 240	1 000	650	455	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 420
MAXIMUM DAILY, 7 920E ON MAY 30
MINIMUM DAILY, 288B ON APR 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 44 33 N
LONG 124 28 35 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080 000	JUL	6 570 000
FEB	856 000	AUG	3 510 000
MAR	851 000	SEP	3 980 000
APR	814 000	OCT	3 190 000
MAY	8 380 000	NOV	2 290 000
JUN	11 800 000	DEC	1 430 000

TOTAL DISCHARGE, 44 800 000 dam³

LIARD RIVER ABOVE KECHIKA RIVER - STATION NO. 10BE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	205B	176B	160B	160B	242B	3 810	1 580	783	717	718E	532	322B	1
2	208B	177B	59B	160B	265B	3 790	1 550	763	691	720E	554	314B	2
3	209B	178B	158B	159B	290B	3 510	1 530	750	685	712E	532	311B	3
4	208B	179B	159B	159B	321B	3 120	1 610	727	660	700E	495	312B	4
5	203B	180B	160B	158B	360B	2 850	1 640	706	624	685E	480B	310B	5
6	201B	181B	161B	153B	400B	2 650	1 570	699	600	650E	460B	308B	6
7	202B	182B	162B	150B	462B	2 470	1 480	713	590	618E	450B	300B	7
8	202B	181B	162B	148B	518	2 310	1 450	723	610	600E	435B	296B	8
9	200B	180B	163B	147B	606	2 180	1 440	712	656	590E	427B	294B	9
10	198B	179B	164B	146B	697B	2 080	1 420	678	719	580E	424B	292B	10
11	197B	178B	164B	145B	900B	1 980	1 360	646	821	570E	420B	288B	11
12	197B	177B	165B	143B	1 060	1 950	1 330	627	926	555E	415B	284B	12
13	198B	175B	165B	142B	1 280	1 940	1 330	606	1 000	550E	410B	279B	13
14	199B	175B	164B	142B	1 310	1 940	1 360	581	1 040	560E	402B	278B	14
15	200B	176B	164B	143B	1 330	1 980	1 330	561	1 000	600E	400B	277B	15
16	199B	178B	163B	144B	1 330	2 090	1 260	541	957	650E	397B	277B	16
17	199B	179B	162B	143B	1 310	2 190	1 210	537	976	700E	395B	276B	17
18	197B	180B	161B	142B	1 400	2 160	1 180	529	971	735E	390B	277B	18
19	195B	180B	159B	141B	1 570	2 110	1 170	510	960	750E	383B	267B	19
20	194B	179B	158B	140B	1 750	2 030	1 180	498	942	740E	373B	261B	20
21	195B	178B	157B	140B	1 980	2 000	1 170	490	915	730A	361B	253B	21
22	195B	176B	157B	142B	2 160	2 000	1 120	472	881	679	352B	248B	22
23	195B	173B	157B	145B	2 310	2 000	1 090	466	844	651	350B	243B	23
24	196B	171B	157B	150B	2 570	1 960	1 050	460	825E	644	347B	241B	24
25	197B	168B	156B	157B	2 700	1 940	1 000	458	805E	649	340B	239B	25
26	194B	165B	157B	168B	2 790	1 880	971	448	790E	676	336B	240B	26
27	190B	163B	159B	178B	3 100	1 780	942	445	770E	708	333B	241B	27
28	185B	161B	160B	190B	3 620	1 710	902	441	750E	697	331B	239B	28
29	182B		160B	202B	3 970	1 660	879	520	730E	591	330B	237B	29
30	180B		161B	220B	3 920	1 610	851	826	720E	516	329B	235B	30
31	178B		161B		3 810		815	783		528		230B	31
TOTAL	6 098	4 925	4 975	4 657	50 331	67 680	38 770	18 699	24 175	20 052	12 183	8 469	TOTAL
MEAN	197	176	160	155	1 620	2 260	1 250	603	806	647	406	273	MEAN
MAX	209	182	165	220	3 970	3 810	1 640	826	1 040	750	554	322	MAX
MIN	178	161	156	140	242	1 610	815	441	590	516	329	230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 715
MAXIMUM DAILY, 3 970 ON MAY 29
MINIMUM DAILY, 140B ON APR 20
MAXIMUM INSTANTANEOUS,
4 020 AT 19:00 PST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 42 04 N
LONG 127 13 39 W
DRAINAGE AREA, 61 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	527 000	JUL	3 350 000
FEB	426 000	AUG	1 620 000
MAR	430 000	SEP	2 090 000
APR	402 000	OCT	1 730 000
MAY	4 350 000	NOV	1 050 000
JUN	5 850 000	DEC	732 000

TOTAL DISCHARGE, 22 600 000 dam³

LIARD RIVER AT LOWER CROSSING - STATION NO. 10BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	330B	283B	261B	252B	388B	6 060	2 540	1 280	1 310	1 000	809	410B	1
2	332B	284B	260B	251B	420B	6 040	2 650	1 240	1 260	997	800	401B	2
3	334B	285B	259B	250B	465B	5 710	2 720	1 210	1 230	1 010	758	395B	3
4	331B	287B	260B	249B	510B	5 200	2 570	1 190	1 170	1 010	735	392B	4
5	328B	289B	260B	248B	580B	4 750	2 410	1 180	1 100	972	720B	391B	5
6	322B	290B	260B	245B	640B	4 410	2 330	1 180	1 050	928	710B	393B	6
7	322B	290B	261B	242B	703	4 080	2 270	1 200	1 010	884	690B	395B	7
8	324B	291B	262B	239B	766	3 800	2 190	1 190	1 010	869	670B	392B	8
9	325B	290B	262B	237B	834	3 610	2 100	1 140	1 080	862	641B	388B	9
10	321B	289B	263B	237B	1 040B	3 400	2 080	1 100	1 160	857	626B	384B	10
11	319B	287B	263B	237B	1 360B	3 250	2 170	1 060	1 270	844	605B	386B	11
12	318B	283B	264B	236B	1 640	3 170	2 250	1 040	1 390	822	595B	388B	12
13	318B	282B	265B	235B	1 920	3 140	2 220	1 010	1 450	809	580B	384B	13
14	319B	281B	265B	234B	2 050	3 150	2 120	979	1 490	802	565B	375B	14
15	320B	282B	264B	235B	1 980	3 300	2 030	950	1 450	812	555B	369B	15
16	319B	283B	263B	236B	2 010	3 530	2 000	925	1 370	873	544B	367B	16
17	317B	285B	261B	235B	2 050	3 580	2 010	903	1 350	990	540B	365B	17
18	312B	288B	260B	233B	2 250	3 500	2 000	889	1 390	1 100	535B	368B	18
19	310B	289B	259B	232B	2 540	3 410	1 940	870	1 370	1 100	489B	366B	19
20	310B	288B	255B	231B	2 870	3 360	1 830	848	1 360	1 080	455B	358B	20
21	311B	286B	252B	231B	3 230	3 370	1 740	835	1 350	1 040	434B	351B	21
22	312B	282B	251B	232B	3 570	3 370	1 670	822	1 300	979	430B	342B	22
23	313B	279B	250B	235B	3 970	3 290	1 610	807	1 240	929	429B	338B	23
24	314B	275B	250B	240B	4 430	3 220	1 550	797	1 190	924	427B	333B	24
25	314B	271B	249B	252B	4 560	3 140	1 530	794	1 160	950	424B	331B	25
26	307B	269B	249B	269B	4 650	2 970	1 510	786	1 120	993	422B	333B	26
27	302B	267B	250B	290B	5 170	2 820	1 480	796	1 090	1 030	420B	335B	27
28	298B	264B	250B	310B	5 850	2 720	1 440	869	1 050	997	418B	336B	28
29	292B		251B	335B	6 200	2 640	1 390	1 030	1 030	919	417B	332B	29
30	285B		251B	360B	6 150	2 600	1 350	1 390	1 010	830	415B	326B	30
31	283B		252B		6 030		1 310	1 410		784		322B	31
TOTAL	9 762	7 919	7 982	7 548	80 826	110 590	61 010	31 720	36 810	28 996	15 858	11 346	TOTAL
MEAN	315	283	257	252	2 610	3 690	1 970	1 020	1 230	935	562	366	MEAN
MAX	334	291	265	360	6 200	6 060	2 720	1 410	1 490	1 100	809	410	MAX
MIN	283	264	249	231	388	2 600	1 310	786	1 010	784	415	322	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 130
MAXIMUM DAILY, 6 200 ON MAY 29
MINIMUM DAILY, 231B ON APR 20
MAXIMUM INSTANTANEOUS,
6 250 AT 16:47 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 45 N
LONG 126 05 50 W
DRAINAGE AREA, 104 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	843 000	JUL	5 270 000
FEB	684 000	AUG	2 740 000
MAR	690 000	SEP	3 180 000
APR	652 000	OCT	2 510 000
MAY	6 980 000	NOV	1 460 000
JUN	9 550 000	DEC	980 000

TOTAL DISCHARGE, 35 500 000 dam³

LILLOOET LAKE NEAR PEMBERTON - STATION NO. 08MG020

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.671	25.597	25.352	25.123	26.030	27.528	27.013	27.124	26.400	25.549	28.182	25.434	1
2	26.410	25.539	25.320	25.119	26.158	27.393	27.045	27.030	26.589	25.878	28.789	25.425	2
3	26.216	25.485	25.291	25.121	26.101	27.312	27.181	26.962	26.483	25.859	28.139	25.403	3
4	26.054	25.439	25.272	25.107	26.000	27.296	27.550	26.922	26.366	25.751	27.553	25.382	4
5	25.942	25.401	25.261	25.113	25.906	27.172	27.737	26.892	26.266	25.633	27.029	25.430	5
6	25.864	25.362	25.238	25.121	25.821	27.123	27.751	26.857	26.189	25.566	26.651	25.505	6
7	25.809	25.329	25.212	25.111	25.761	27.000	27.510	26.962	26.195	25.824	26.364	25.535	7
8	25.755	25.304	25.193	25.096	25.737	26.814	27.207	27.180	26.315	25.985	26.164	25.515	8
9	25.708	25.275	25.169	25.093	25.732	26.686	26.973	27.360	26.459	25.960	26.002	25.490	9
10	25.668	25.234	25.150	25.081	25.751	26.645	26.793	27.483	26.516	25.861	25.876	25.479	10
11	25.621	25.197	25.132	25.078	25.766	26.610	26.772	27.563	26.447	25.749	25.951	25.450	11
12	25.580	25.184	25.122	25.079	25.775	26.511	26.844	27.585	26.345	25.635	26.897	25.406	12
13	25.548	25.192	25.112	25.067	25.811	26.420	26.907	27.552	26.221	25.514	26.933	25.367	13
14	25.529	25.221	25.108	25.055	25.884	26.380	26.986	27.509	26.105	25.467	26.722	25.314	14
15	25.518	25.273	25.107	25.036	25.975	26.419	27.120	27.503	26.040	25.448	26.565	25.295	15
16	25.498	25.344	25.111	25.036	26.014	26.473	27.263	27.434	26.101	25.439	26.439	25.270	16
17	25.478	25.452	25.118	25.050	26.041	26.461	27.420	27.370	26.225	25.439	26.299	25.237	17
18	25.481	25.568	25.115	25.056	26.092	26.384	27.535	27.300	26.377	25.439	26.163	25.217	18
19	25.551	25.656	25.106	25.069	26.229	26.331	27.582	27.258	26.515	25.437	26.039	25.225	19
20	25.711	25.733	25.100	25.089	26.316	26.319	27.624	27.135	26.434	25.432	25.941	25.240	20
21	25.894	25.720	25.092	25.136	26.824	26.337	27.573	26.955	26.237	25.402	25.884	25.237	21
22	26.296	25.664	25.083	25.179	26.961	26.314	27.500	26.793	26.078	25.360	25.852	25.213	22
23	26.722	25.599	25.075	25.335	26.971	26.311	27.483	26.735	25.943	25.320	25.813	25.189	23
24	26.647	25.556	25.079	25.904	27.048	26.299	27.523	26.775	25.802	25.282	25.767	25.183	24
25	26.446	25.516	25.078	26.190	27.485	26.332	27.581	26.753	25.670	25.272	25.698	25.177	25
26	26.209	25.476	25.081	26.123	27.779	26.469	27.606	26.612	25.552	25.280	25.648	25.165	26
27	26.087	25.438	25.078	25.993	27.566	26.616	27.741	26.437	25.475	25.327	25.583	25.145	27
28	25.965	25.392	25.075	25.891	27.292	26.713	27.814	26.277	25.468	25.694	25.532	25.120	28
29	25.840		25.084	25.816	27.185	26.737	27.728	26.176	25.485	25.959	25.492	25.090	29
30	25.752		25.090	25.812	27.363	26.889	27.494	26.214	25.459	25.906	25.454	25.081	30
31	25.668		25.104		27.631		27.282	26.221		26.257		25.065	31
MEAN	25.908	25.434	25.145	25.303	26.426	26.676	27.359	26.998	26.125	25.610	26.381	25.299	MEAN
MAX	26.722	25.733	25.352	26.190	27.779	27.528	27.814	27.585	26.589	26.257	28.789	25.535	MAX
MIN	25.478	25.184	25.075	25.036	25.732	26.299	26.772	26.176	25.459	25.272	25.454	25.065	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 26.060
MAXIMUM DAILY, 28.789 ON NOV 2
MINIMUM DAILY, 25.036 ON APR 15
MAXIMUM INSTANTANEOUS,
28.914 AT 03:01 PST ON NOV 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 10 N
LONG 122 29 30 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 169.335 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LILLOOET RIVER NEAR PEMBERTON - STATION NO. 08MG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	112	56.9	44.8	39.4	160	257	223	280	279	135	823	48.3	1
2	97.2	54.9	43.3	37.2	116	261	241	272	207	105	467	48.0	2
3	88.1	52.1	43.5	36.2	95.7	270	329	264	166	71.6	259	45.7	3
4	82.7	50.1	42.6	34.9	84.6	266	388	268	155	58.0	181	45.7	4
5	76.9	47.0B	41.0	36.9	78.1	226	372	260	143	50.7	138	60.6	5
6	72.0	43.0B	39.1	36.3	73.3	237	339	270	152	58.1	114	62.6	6
7	67.6	41.0B	38.6	34.7	79.2	190	253	337	194	119	97.7	53.1	7
8	64.2	39.0B	37.6	34.7	82.5	170	221	388	228	91.0	88.3	45.0B	8
9	62.9	37.5B	36.7	34.5	88.3	171	199	401	247	77.8	80.4	40.0B	9
10	60.1	37.0B	36.1	33.5	89.6	182	201	417	205	62.1	74.4	38.0B	10
11	56.1	37.5B	36.1	34.4	88.2	163	244	422	179	54.2	259	37.0B	11
12	55.5	38.0B	35.9	33.3	89.4	145	246	409	158	48.6	296	36.0B	12
13	53.3	41.0B	36.2	32.0	106	137	250	397	138	46.3	154	35.0B	13
14	50.0B	43.0B	36.7	31.4	110	157	276	399	127	51.5	130	34.0B	14
15	46.0B	50.1	36.9	31.7	118	174	305	379	150	57.8	121	33.0B	15
16	45.0B	56.0	37.5	34.2	108	168	333	359	183	57.4	109	32.5B	16
17	46.0B	66.8	36.6	35.5	121	144	364	343	211	59.6	93.9	32.0B	17
18	48.0B	74.7	35.8	35.8	128	132	360	344	232	57.9	84.9	31.5B	18
19	68.3	81.4	35.4	37.3	171	127	355	331	231	54.0E	77.9	31.0B	19
20	102	76.4	35.2	43.2	214	142	359	285	147	50.0E	75.0	30.5B	20
21	121	63.9	35.2	44.1	238	135	335	244	117	45.0E	76.9	30.0B	21
22	201	58.3	35.4	48.3	222	130	339	242	103	42.7	76.6	30.0B	22
23	174	55.8	35.7	97.2	214	133	351	264	88.1	41.1	71.2	29.5B	23
24	124	56.0	35.8	196	259	134	371	282	74.9	41.7	64.5	29.5B	24
25	101	53.0	35.7	121	365	154	377	235	64.8	48.6	60.7	29.0B	25
26	90.4	50.4	35.9	93.4	308	191	402	183	58.2	50.7	59.1	29.0B	26
27	81.8	48.6	35.5	83.4	239	195	435	167	57.3	59.8	53.0	28.5B	27
28	74.7	46.6	35.5	77.7	218	200	425	148	64.6	118	49.2	28.5B	28
29	69.5		36.8	79.4	240	194	359	172	64.1	80.2	49.7	28.0B	29
30	64.4		38.0	101	327	249	303	181	58.0	63.3	48.1	27.5B	30
31	59.4		40.9		306		287	179		351		27.0B	31
TOTAL	2 515.1	1 456.0	1 166.0	1 648.6	5 136.9	5 434	9 842	9 122	4 482.0	2 307.7	4 332.5	1 136.0	TOTAL
MEAN	81.1	52.0	37.6	55.0	166	181	317	294	149	74.4	144	36.6	MEAN
MAX	201	81.4	44.8	196	365	270	435	422	279	351	823	62.6	MAX
MIN	45.0	37.0	35.2	31.4	73.3	127	199	148	57.3	41.1	48.1	27.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 133
MAXIMUM DAILY, 823 ON NOV 1
MINIMUM DAILY, 27.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
897 AT 12:26 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 08 N
LONG 122 47 58 W
DRAINAGE AREA, 2 160 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	217 000	JUL	850 000
FEB	126 000	AUG	788 000
MAR	101 000	SEP	387 000
APR	142 000	OCT	199 000
MAY	444 000	NOV	374 000
JUN	469 000	DEC	98 200

TOTAL DISCHARGE, 4 200 000 dam³

LIME CREEK NEAR THE MOUTH - STATION NO. 08DB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.226E	0.375E	0.336	0.926	6.14	3.92	2.87	0.409	0.332	6.18	1.99	0.540	1
2	0.222E	0.360E	0.336	0.919	2.92	4.57	3.81	0.398	0.701	2.94	1.37	0.549	2
3	0.218E	0.350E	0.337	0.874	2.78	5.59	3.92	0.559	0.409	1.78	1.19	0.508	3
4	0.214E	0.340E	0.327	0.878	3.75	4.40	2.02	0.577	0.353	1.24	1.72	0.487	4
5	0.210E	0.330E	0.326	0.733	4.55	4.20	1.34	0.522	1.03	0.977	11.9	0.464	5
6	0.209E	0.324E	0.320	0.617	6.26	3.50	1.07	0.459	3.18	0.939	5.78	0.445	6
7	0.208E	0.318E	0.316	0.650	5.55	3.59	1.22	0.423	0.824	2.43	2.71	0.430	7
8	0.207E	0.312E	0.318	0.655	7.15	2.36	1.24	0.409	7.89	2.36	1.77	0.420	8
9	0.206E	0.306E	0.320	0.631	6.24	2.19	1.21	0.392	12.8	2.80	4.00	0.402	9
10	0.205E	0.300E	0.351	0.584	2.90	3.05	1.30	0.380	12.5	1.67	3.86	0.387	10
11	0.280E	0.293	0.374	0.547	3.06	5.26	1.47	0.379	12.1	1.03	6.02	0.388	11
12	0.360E	0.293	0.367	0.480	3.96	5.36	1.77	0.369	5.79	0.766	3.52	0.367	12
13	0.330E	0.293	0.367	0.466	6.27	5.26	1.46	0.342	2.96	1.05	2.14	0.360B	13
14	0.390E	0.335	0.376	0.508	7.48	4.79	1.26	0.335	2.41	0.909	1.54	0.350B	14
15	0.480E	0.666	0.484	0.609	9.75	3.98	1.08	0.331	6.15	3.59	1.27	0.340B	15
16	0.460E	0.830	0.575	0.928	11.4	3.42	0.923	0.327	3.46	3.22	1.06	0.333B	16
17	0.430E	0.578	0.470	0.957	8.58	3.25	0.943	0.319	2.44	1.60	0.871	0.326B	17
18	0.470E	0.687	0.412	0.865	9.50	2.51	0.993	0.299	1.67	1.19	0.767	0.320B	18
19	0.720E	0.631	0.770	1.07	8.03	3.45	1.04	0.295	1.61	1.72	0.735	0.314B	19
20	1.05 E	0.518	0.700	1.43	6.24	3.61	0.798	0.296	1.25	0.917	0.720	0.308B	20
21	1.35 E	0.800	0.677	1.54	7.67	2.53	0.647	0.308	0.912	0.676	0.760	0.302B	21
22	1.50 E	0.695	0.647	1.27	8.56	2.43	0.619	0.339	0.874	0.568	0.731	0.297B	22
23	1.75 E	0.515	0.657	1.47	8.28	3.11	0.592	0.321	0.813	0.702	0.698	0.292B	23
24	1.87 E	0.432	0.656	1.60	8.41	2.45	0.619	0.341	0.677	1.03	0.612	0.287B	24
25	1.72 E	0.378	0.751	1.21	8.46	3.88	0.699	1.03	0.568	4.53	0.589	0.282B	25
26	1.55 E	0.370	0.966	1.10	5.88	3.51	0.656	0.830	0.514	1.74	0.545	0.278B	26
27	1.32 E	0.359	1.29	1.04	3.95	3.21	0.544	0.628	0.490	1.06	0.517	0.274B	27
28	1.03 E	0.339	1.64	1.51	3.64	2.15	0.495	0.483	0.694	0.849	0.536	0.270B	28
29	0.740E		1.33	1.73	6.13	3.30	0.500	0.386	0.858	0.746	0.559	0.266B	29
30	0.560E		1.05	3.02	6.07	3.78	0.499	0.367	7.94	1.57	0.540	0.263B	30
31	0.410E		0.885		5.02		0.461	0.335		0.74		0.261B	31
TOTAL	20.895	12.327	18.731	30.917	192.58	108.61	38.068	13.188	94.199	60.519	61.020	11.110	TOTAL
MEAN	0.674	0.440	0.604	1.03	6.21	3.62	1.23	0.425	3.14	1.95	2.03	0.358	MEAN
MAX	1.87	0.830	1.64	3.02	11.4	5.59	3.92	1.03	12.8	6.18	11.9	0.549	MAX
MIN	0.205	0.293	0.316	0.466	2.78	2.15	0.461	0.295	0.332	0.568	0.517	0.261	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 12.8 ON SEP 9
MINIMUM DAILY, 0.205E ON JAN 10
MAXIMUM INSTANTANEOUS,
29.8 AT 17:37 PST ON SEP 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 18 N
LONG 129 28 48 W
DRAINAGE AREA, 39.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 810	JUL	3 290
FEB	1 070	AUG	1 140
MAR	1 620	SEP	8 140
APR	2 670	OCT	5 230
MAY	16 600	NOV	5 270
JUN	9 380	DEC	960

TOTAL DISCHARGE, 57 200 dam³

LINDEMAN CREEK NEAR BENNETT - STATION NO. 09AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56B	1.67B	1.22 B	0.920	1.21	39.9	31.1	21.2	14.4	5.96	9.11	2.78	1
2	1.55B	1.62B	1.19 B	0.924	1.42	34.7	41.6	19.1	12.2	5.85	8.13	2.87	2
3	1.57B	1.55B	1.15 B	0.940	1.71	32.0	46.2	19.0	10.5	5.70	7.27	2.91	3
4	1.58B	1.54B	1.13 B	0.934	2.12	29.7	42.0	22.1	10.5	5.24	6.48	2.91	4
5	1.55B	1.54B	1.12 B	0.909	2.60	28.5	33.9	27.1	12.3	4.90	5.88	2.84	5
6	1.56B	1.53B	1.12 B	0.894	3.15	27.0	28.6	38.3	25.5	4.60	5.25	2.76	6
7	1.58B	1.54B	1.13	0.884	3.95	25.5	24.9	44.4	54.5	4.40	4.87	2.73	7
8	1.56B	1.52B	1.17	0.879	5.13	24.2	23.5	38.2	44.7	4.27	4.93	2.54	8
9	1.55B	1.48B	1.19	0.826	7.20	21.8	23.4	36.4	38.6	4.21	5.05	2.43	9
10	1.56B	1.45B	1.17	0.798	9.95	19.7	22.7	32.8	41.2	4.07	4.88	2.28	10
11	1.59B	1.42B	1.18	0.780	13.4	18.9	23.7	27.1	41.8	3.90	4.67	2.15	11
12	1.63B	1.41B	1.16	0.762	16.9	21.2	25.9	22.5	31.2	3.74	4.45	2.08	12
13	1.63B	1.41B	1.16	0.753	18.6	25.2	27.0	19.2	23.5	3.58	4.34	2.08	13
14	1.62B	1.42B	1.15	0.751	19.1	31.2	27.9	20.2	20.9	3.55	4.24	2.00	14
15	1.64B	1.43B	1.24	0.748	19.5	35.4	29.6	23.0	20.7	3.62	4.14	1.92	15
16	1.65B	1.46B	1.26	0.749	21.9	33.3	30.4	25.6	17.8	6.45	4.11	1.87	16
17	1.69B	1.49B	1.22	0.739	24.6	32.8	32.9	28.9	15.8	15.9	4.05	1.92	17
18	1.70B	1.50B	1.20	0.726	26.2	32.9	37.5	24.4	16.2	22.9	3.91	2.06	18
19	1.74B	1.48B	1.17	0.771	28.8	32.7	39.0	20.5	17.5	21.0	3.81	2.02	19
20	1.79B	1.46B	1.13	0.776	32.0	31.3	35.2	20.6	16.1	17.6	3.65	1.97	20
21	1.85B	1.47B	1.11	0.782	33.0	32.4	31.6	28.3	13.6	14.5	3.46	1.96	21
22	1.97B	1.45B	1.09	0.805	30.2	33.3	29.2	29.3	11.6	12.1	3.30	1.89	22
23	1.95B	1.42B	1.08	0.793	28.9	33.2	28.0	23.4	10.0	10.2	3.19	1.83	23
24	1.93B	1.39B	1.08	0.807	26.8	32.6	26.9	18.6	8.80	8.88	3.09	1.80	24
25	1.89B	1.36B	1.09	0.832	28.1	30.2	26.8	17.1	8.03	7.92	2.98	1.84	25
26	1.83B	1.35B	1.03	0.856	31.5	29.2	29.5	17.3	7.65	7.39	2.95	1.78	26
27	1.80B	1.34B	1.06	0.887	36.8	29.4	29.6	17.5	7.15	8.87	2.90	1.59	27
28	1.72B	1.32B	0.993	0.946	36.9	29.0	27.3	19.6	6.56	12.4	2.77	1.52	28
29	1.70B		0.985	1.03	35.9	27.3	26.1	20.6	6.10	13.9	2.68	1.44	29
30	1.70B		0.971	1.10	36.5	25.9	24.5	19.0	5.84	13.0	2.70	1.41A	30
31	1.69B		0.953		40.7		23.0	17.1		10.8		1.25B	31
TOTAL	52.33	41.02	34.902	25.301	624.74	880.4	929.5	758.4	571.23	271.40	133.24	65.43	TOTAL
MEAN	1.69	1.47	1.13	0.843	20.2	29.3	30.0	24.5	19.0	8.75	4.44	2.11	MEAN
MAX	1.97	1.67	1.26	1.10	40.7	39.9	46.2	44.4	54.5	22.9	9.11	2.91	MAX
MIN	1.55	1.32	0.953	0.726	1.21	18.9	22.7	17.1	5.84	3.55	2.68	1.25	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 54.5 ON SEP 7
MINIMUM DAILY, 0.726 ON APR 18
MAXIMUM INSTANTANEOUS,
57.4 AT 11:14 PST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 16 N
LONG 135 00 50 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 520	JUL	80 300
FEB	3 540	AUG	65 500
MAR	3 020	SEP	49 400
APR	2 190	OCT	23 400
MAY	54 000	NOV	11 500
JUN	76 100	DEC	5 650

TOTAL DISCHARGE, 379 000 dam³

LINDEMAN LAKE NEAR BENNETT - STATION NO. 09AA003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.847	0.896	0.810	0.752	0.789	1.889	1.748	1.558	1.484	1.137	1.250	0.935	1
2	0.846	0.892	0.807	0.753	0.811	1.811	1.913	1.515	1.344	1.133	1.218	0.943	2
3	0.849	0.885	0.803	0.755	0.838	1.764	1.978	1.512	1.296	1.127	1.187	0.946	3
4	0.850	0.872	0.793	0.754	0.874	1.723	1.919	1.577	1.297	1.109	1.157	0.947	4
5	0.849	0.852	0.790	0.751	0.918	1.701	1.796	1.674	1.348	1.093	1.134	0.940	5
6	0.854	0.851	0.785	0.749	0.968	1.673	1.704	1.861	1.629	1.073	1.110	0.933	6
7	0.860	0.852	0.779	0.748	1.030	1.644	1.632	1.953	2.083	1.060	1.091	0.930	7
8	0.857	0.843	0.784	0.747	1.102	1.619	1.606	1.864	1.956	1.052	1.096	0.912	8
9	0.858	0.833	0.786	0.741	1.184	1.570	1.604	1.836	1.869	1.048	1.102	0.902	9
10	0.866	0.828	0.784	0.737	1.277	1.528	1.589	1.779	1.908	1.038	1.092	0.889	10
11	0.876	0.827	0.784	0.735	1.377	1.511	1.611	1.675	1.916	1.026	1.078	0.877	11
12	0.877	0.819	0.782	0.733	1.465	1.559	1.651	1.584	1.750	1.016	1.063	0.871	12
13	0.871	0.815	0.783	0.732	1.505	1.638	1.673	1.516	1.605	1.005	1.056	0.871	13
14	0.875	0.824	0.782	0.731	1.514	1.750	1.689	1.538	1.552	1.004	1.049	0.863	14
15	0.881	0.834	0.792	0.731	1.523	1.821	1.721	1.595	1.548	1.008	1.043	0.856	15
16	0.899	0.837	0.795	0.731	1.572	1.788	1.737	1.646	1.486	1.149	1.041	0.852	16
17	0.910	0.840	0.790	0.730	1.627	1.779	1.780	1.709	1.437	1.134	1.037	0.856	17
18	0.914	0.848	0.788	0.728	1.658	1.780	1.853	1.623	1.447	1.595	1.027	0.860	18
19	0.931	0.846	0.784	0.734	1.708	1.777	1.876	1.544	1.479	1.554	1.020	0.865	19
20	0.936	0.844	0.779	0.734	1.765	1.752	1.818	1.545	1.445	1.480	1.010	0.861	20
21	0.950	0.847	0.777	0.735	1.782	1.771	1.758	1.697	1.383	1.406	0.996	0.860	21
22	0.959	0.843	0.774	0.738	1.732	1.787	1.714	1.715	1.328	1.341	0.982	0.854	22
23	0.959	0.839	0.773	0.737	1.709	1.786	1.692	1.602	1.281	1.286	0.972	0.848	23
24	0.958	0.830	0.773	0.738	1.670	1.776	1.671	1.503	1.240	1.243	0.962	0.845	24
25	0.945	0.823	0.773	0.742	1.695	1.732	1.669	1.469	1.214	1.211	0.953	0.849	25
26	0.935	0.821	0.766	0.745	1.755	1.714	1.720	1.474	1.202	1.192	0.950	0.844	26
27	0.928	0.816	0.770	0.748	1.842	1.718	1.721	1.478	1.183	1.242	0.946	0.826	27
28	0.924	0.815	0.762	0.756	1.844	1.711	1.679	1.526	1.160	1.350	0.934	0.820	28
29	0.907		0.761	0.767	1.828	1.680	1.655	1.546	1.142	1.391	0.926	0.813	29
30	0.904		0.759	0.776	1.838	1.652	1.625	1.513	1.132	1.366	0.927	0.810A	30
31	0.901		0.757		1.901		1.595	1.470		1.306		0.800E	31
MEAN	0.896	0.842	0.781	0.743	1.455	1.713	1.722	1.616	1.469	1.209	1.047	0.873	MEAN
MAX	0.959	0.896	0.810	0.776	1.901	1.889	1.978	1.953	2.083	1.595	1.250	0.947	MAX
MIN	0.846	0.815	0.757	0.728	0.789	1.511	1.589	1.469	1.132	1.004	0.926	0.800	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.200
MAXIMUM DAILY, 2.083 ON SEP 7
MINIMUM DAILY, 0.728 ON APR 18
MAXIMUM INSTANTANEOUS,
2.119 AT 11:14 PST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 00 N
LONG 135 00 46 W

A - MANUAL GAUGE
E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 662.88> m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1958 ADJ.)

LINE CREEK AT THE MOUTH - STATION NO. 08NK022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.920B	0.532B	0.515E	0.671	6.43	11.6	11.5	3.31	1.48	1.01	0.856	0.614B	1
2	0.850B	0.530B	0.513E	0.646	6.68	10.3	9.49	3.10	1.49	1.31	0.848	0.634B	2
3	0.793B	0.510B	0.518E	0.637	4.79	10.8	9.47	2.96	1.41	1.19	0.833	0.648B	3
4	0.736B	0.493B	0.521E	0.631	4.11	9.66	10.5	2.82	1.37	1.13	0.836	0.646B	4
5	0.694B	0.467B	0.527E	0.657	3.54	9.09	10.3	2.71	1.37	1.07	0.812	0.674B	5
6	0.702B	0.447B	0.566E	0.640	3.17	9.36	9.18	2.59	1.37	1.02	0.787	0.685B	6
7	0.714B	0.450B	0.566E	0.629	3.03	9.06	7.56	2.55	1.33	1.02	0.780	0.657B	7
8	0.722B	0.445B	0.564E	0.640	2.83	7.40	5.99	2.49	1.25	1.02	0.786	0.631B	8
9	0.728B	0.430B	0.538E	0.623	2.80	6.71	5.16	2.39	1.21	1.02	0.768	0.637B	9
10	0.702B	0.419B	0.527E	0.603	2.78	6.10	5.46	2.26	1.19	0.993	0.762	0.646B	10
11	0.702B	0.453B	0.530E	0.592	2.71	5.70	5.41	2.20	1.18	0.989	0.768	0.648B	11
12	0.637B	0.481B	0.518A	0.586	2.56	5.87	5.23	2.31	1.16	0.965	0.777	0.648B	12
13	0.612B	0.504B	0.555	0.575	2.58	6.02	6.16	2.51	1.16	0.958	0.765	0.595B	13
14	0.595B	0.515B	0.578	0.578	2.83	5.61	5.78	2.34	1.14	0.930	0.761	0.586B	14
15	0.575B	0.532B	0.597	0.620	4.05	7.39	4.88	2.23	1.12	0.957	0.728	0.592B	15
16	0.549B	0.538B	0.620	0.699	4.08	9.49	4.76	2.08	1.12	0.946	0.737	0.600B	16
17	0.535B	0.544B	0.617	0.705	3.54	9.81	4.74	1.98	1.10	0.943	0.731	0.578B	17
18	0.530B	0.518A	0.589	0.770	3.45	8.85	4.78	1.92	1.10	0.940	0.725	0.566B	18
19	0.521B	0.561E	0.589	0.864	4.42	7.71	4.64	1.87	1.09	0.948	0.711	0.586B	19
20	0.530B	0.566E	0.597	1.09	6.85	7.55	4.34	1.85	1.08	0.930	0.714B	0.586B	20
21	0.544B	0.564E	0.592	1.30	11.2	7.82	4.08	1.86	1.12	0.890	0.714B	0.572B	21
22	0.566B	0.561E	0.555	1.28	14.8	7.16	3.87	1.76	1.11	0.856	0.697B	0.561B	22
23	0.589B	0.552E	0.595	1.62	19.8	6.92	4.09	1.69	1.10	0.829	0.680B	0.549B	23
24	0.592B	0.547E	0.609	2.39	27.2	6.57	4.42	1.63	1.07	0.842	0.674B	0.558B	24
25	0.595B	0.532E	0.617	2.30	26.7	7.25	5.82	1.60	1.06	0.844	0.657B	0.561B	25
26	0.595B	0.524E	0.623	2.11	20.2	9.62	5.24	1.57	1.08	0.855	0.631B	0.552B	26
27	0.592B	0.521E	0.623	2.19	16.9	10.6	4.50	1.56	1.06	0.849	0.614B	0.538B	27
28	0.586B	0.518E	0.631	2.35	16.0	9.54	4.45	1.53	1.09	0.856	0.603B	0.521B	28
29	0.566B		0.660	2.46	14.0	9.18	4.34	1.50	1.04	0.871	0.592B	0.490B	29
30	0.555B		0.674	3.00	13.5	11.0	3.89	1.51	1.02	0.862	0.597B	0.473B	30
31	0.538B		0.668		13.0		3.48	1.48		0.868		0.453B	31
TOTAL	19.665	14.254	17.992	34.456	270.53	249.74	183.51	66.16	35.47	29.711	21.944	18.285	TOTAL
MEAN	0.634	0.509	0.580	1.15	8.73	8.32	5.92	2.13	1.18	0.958	0.731	0.590	MEAN
MAX	0.920	0.566	0.674	3.00	27.2	11.6	11.5	3.31	1.49	1.31	0.856	0.685	MAX
MIN	0.521	0.419	0.513	0.575	2.56	5.61	3.48	1.48	1.02	0.829	0.592	0.453	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.63
MAXIMUM DAILY, 27.2 ON MAY 24
MINIMUM DAILY, 0.419B ON FEB 10
MAXIMUM INSTANTANEOUS,
32.3 AT 00:10 MST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 114 50 00 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 700	JUL	15 900
FEB	1 230	AUG	5 720
MAR	1 550	SEP	3 060
APR	2 980	OCT	2 570
MAY	23 400	NOV	1 900
JUN	21 600	DEC	1 580

TOTAL DISCHARGE, 83 200 dam³

LINGFIELD CREEK NEAR THE MOUTH - STATION NO. 08MA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	0.252B	0.113B	0.088B	1.94	3.28	1.45	1.07	0.149	0.114	1.63	0.280B	1
2	0.560B	0.240B	0.11 B	0.087B	1.53	3.11	1.42	0.830	0.137	0.129	1.55	0.265B	2
3	0.545B	0.225B	0.116B	0.087B	1.05	2.84	1.66	0.728	0.117	0.091	1.27	0.255B	3
4	0.530B	0.212B	0.115B	0.086B	0.747	2.64	1.51	0.629	0.142	0.075	0.858	0.251B	4
5	0.520B	0.206B	0.113B	0.086B	0.801	2.43	1.28	0.577	0.162	0.069	0.663	0.275B	5
6	0.520B	0.203B	0.111B	0.084B	1.83	2.22	1.15	0.537	0.152	0.078	0.629	0.271B	6
7	0.500B	0.195B	0.108B	0.083B	1.50	1.90	0.911	0.504	0.126	0.091	0.575	0.260B	7
8	0.481B	0.185B	0.105B	0.082B	1.67	1.71	0.759	0.493	0.117	0.094	0.509	0.250B	8
9	0.470B	0.179B	0.104B	0.081B	1.74	1.66	0.722	0.443	0.104	0.087	0.483	0.238B	9
10	0.465B	0.169B	0.101B	0.081B	1.42	1.64	0.878	0.393	0.103	0.066	0.431	0.224B	10
11	0.460B	0.159B	0.098B	0.080B	1.26	1.60	0.872	0.353	0.089	0.074	0.620	0.219B	11
12	0.452B	0.154B	0.096B	0.082B	1.57	1.53	0.831	0.331	0.070	0.074	0.787	0.211B	12
13	0.442B	0.156B	0.095B	0.084B	2.17	1.48	0.790	0.301	0.078	0.097	0.594	0.205B	13
14	0.430B	0.160B	0.094B	0.090B	2.42	1.54	0.756	0.268	0.073	0.105	0.523	0.199B	14
15	0.415B	0.161B	0.094B	0.108	2.35	1.58	0.845	0.231	0.075	0.102	0.467	0.193B	15
16	0.390B	0.159B	0.093B	0.119	2.75	1.50	0.847	0.219	0.077	0.114	0.430	0.189B	16
17	0.370B	0.157B	0.092B	0.126	3.28	1.31	0.930	0.193	0.078	0.109	0.410B	0.180B	17
18	0.340B	0.156B	0.091B	0.146	3.75	1.28	0.937	0.186	0.081	0.112	0.392B	0.165B	18
19	0.320B	0.155B	0.090B	0.212	8.05	1.31	0.811	0.167	0.072	0.099	0.375B	0.158B	19
20	0.312B	0.155B	0.088B	0.285	8.10	1.24	0.844	0.141	0.070	0.074	0.361B	0.161B	20
21	0.314B	0.152B	0.085B	0.274	7.72	1.23	0.758	0.136	0.065	0.075	0.350B	0.155B	21
22	0.317B	0.148B	0.082B	0.394	6.72	1.17	0.646	0.140	0.077	0.100	0.340B	0.145B	22
23	0.320B	0.140B	0.081B	0.995	6.06	1.11	0.716	0.138	0.072	0.090	0.335B	0.135B	23
24	0.319B	0.135B	0.080B	1.28	6.23	1.14	0.932	0.133	0.072	0.108	0.325B	0.134B	24
25	0.315B	0.131B	0.080B	0.979	6.88	1.22	0.819	0.120	0.070	0.109	0.318B	0.134B	25
26	0.310B	0.127B	0.081B	0.659	5.38	1.30	0.754	0.107	0.072	0.074	0.308B	0.130B	26
27	0.307B	0.122B	0.082B	0.463	3.99	1.21	0.651	0.099	0.069	0.077	0.295B	0.127B	27
28	0.301B	0.116B	0.083B	0.500	3.62	1.07	0.614	0.094	0.073	0.111	0.290B	0.120B	28
29	0.290B		0.085B	0.756	3.73	1.13	1.21	0.158	0.071	0.077	0.275B	0.111B	29
30	0.277B		0.086B	1.58	3.88	1.55	2.41	0.160	0.073	0.083	0.289B	0.105B	30
31	0.265B		0.087B		3.62		1.48	0.126		1.48		0.100B	31
TOTAL	12.437	4.709	2.943	10.057	107.358	49.93	31.193	10.005	2.786	4.238	16.742	5.845	TOTAL
MEAN	0.401	0.168	0.095	0.335	3.46	1.66	1.01	0.323	0.093	0.137	0.558	0.189	MEAN
MAX	0.580	0.252	0.116	1.58	8.10	3.28	2.41	1.07	0.162	1.48	1.69	0.280	MAX
MIN	0.265	0.116	0.080	0.080	0.747	1.07	0.614	0.094	0.065	0.066	0.275	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.708
MAXIMUM DAILY, 8.10 ON MAY 20
MINIMUM DAILY, 0.065 ON SEP 21
MAXIMUM INSTANTANEOUS,
10.4 AT 21:20 PST ON MAY 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 26 N
LONG 124 08 32 W
DRAINAGE AREA, 98.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 070	JUL	2 700
FEB	407	AUG	864
MAR	254	SEP	241
APR	869	OCT	366
MAY	9 280	NOV	1 450
JUN	4 310	DEC	505

TOTAL DISCHARGE, 22 300 dam³

LITTLE QUALICUM RIVER AT OUTLET OF CAMERON LAKE - STATION NO. 08HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.2	6.38	9.81	7.60	10.9	4.62	3.68	1 36	1.12	12.3	71.1	10.7	1
2	21.3	6.00	8.60	7.80	12.2	4.34	3.46	1.32	1.20	13.6	54.5	14.6	2
3	17.3	5.42	8.12	7.60	11.6	4.20	3.12	1.26	1.32	13.0	39.2	14.8	3
4	14.4	5.23	7.36	7.24	11.2	4.15	2.96	1.20	1.34	10.8	27.8	15.1	4
5	12.9	4.88	6.88	8.90	10.5	3.90	2.76	1.08	1.28	9.42	20.5	48.1	5
6	11.0	4.53	6.13	9.86	9.28	4.94	2.69	0.980	1.12	10.4	16.5	43.2	6
7	9.66	4.29	5.94	9.47	8.80	5.01	2.50	0.900	1.16	9.81	12.8	35.8	7
8	8.48	4.06	5.84	8.94	8.00	4.98	2.38	0.864	1.26	22.8	10.6	28.4	8
9	8.52	3.90	6.22	8.16	7.56	4.82	2.28	0.920	1.04	23.1	8.64	24.2	9
10	9.04	3.70	4.88	7.56	7.36	4.72	2.50	1.02	1.04	19.4	7.84	28.6	10
11	8.64	3.52	5.01	7.32	7.20	2.74	2.50	0.840	1.08	16.0	10.6	25.5	11
12	8.04	3.51	4.75	6.70	6.77	3.10	2.31	0.636	0.480	13.0	30.9	21.2	12
13	7.20	3.73	4.46	6.42	6.54	3.32	2.21	0.780	0.660	11.1	29.0	19.0	13
14	6.92	6.51	4.32	6.16	6.22	3.51	2.21	0.780	0.708	8.80	34.8	16.1	14
15	6.54	16.3	4.26	5.78	5.84	3.70	2.09	0.798	0.756	7.68	39.9	14.6	15
16	5.90	30.0	4.26	7.28	6.19	3.58	2.00	0.684	0.840	6.67	38.5	12.7	16
17	5.68	44.0	4.15	9.14	6.45	3.63	1.90	0.684	0.624	6.10	32.7	11.6	17
18	6.70	47.0	4.09	9.69	6.42	3.84	2.50	0.696	0.792	5.36	27.4	10.2	18
19	10.0	57.4	3.99	9.93	4.20	4.34	2.91	0.828	0.840	4.69	22.2	16.4	19
20	11.6	50.9	3.81	10.1	5.30	4.98	1.78	1.14	0.876	4.40	21.6	20.5	20
21	19.9	37.4	3.70	8.74	4.78	5.26	1.70	1.04	2.79	4.09	27.8	25.1	21
22	23.8	29.5	3.84	8.60	4.72	5.46	1.97	0.960	6.00	3.76	31.3	20.3	22
23	23.1	22.3	3.95	13.2	4.32	5.74	1.52	0.792	5.65	3.73	32.6	17.4	23
24	19.3	20.2	4.18	18.0	4.69	5.74	1.34	0.696	4.98	3.56	27.5	14.0	24
25	16.0	16.3	4.43	17.5	5.20	5.39	1.44	0.864	4.46	3.20	22.3	12.5	25
26	13.6	14.9	5.07	14.7	3.87	4.46	1.42	0.744	3.95	3.58	18.4	10.9	26
27	11.2	12.7	5.23	12.4	5.65	4.46	1.42	0.660	3.63	4.06	15.9	9.76	27
28	10.0	11.4	5.33	11.6	4.72	4.12	1.40	0.768	5.68	13.9	13.4	8.64	28
29	8.56		5.42	11.2	5.17	4.04	1.38	0.852	5.81	13.9	11.2	7.76	29
30	7.76		6.10	11.2	4.75	3.87	1.38	0.864	8.60	14.0	9.90	7.12	30
31	7.00		6.64		4.37		1.36	0.900		60.8		6.77	31
TOTAL	375.24	475.96	166.77	288.79	210.77	130.96	67.07	27.910	71.086	357.01	767.38	571.55	TOTAL
MEAN	12.1	17.0	5.38	9.63	6.80	4.37	2.16	0.900	2.37	11.5	25.6	18.4	MEAN
MAX	25.2	57.4	9.81	18.0	12.2	5.74	3.68	1.36	8.60	60.8	71.1	48.1	MAX
MIN	5.68	3.51	3.70	5.78	3.87	2.74	1.34	0.636	0.480	3.20	7.84	6.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.62
MAXIMUM DAILY, 71.1 ON NOV 1
MINIMUM DAILY, 0.480 ON SEP 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 27 N
LONG 124 35 00 W
DRAINAGE AREA, 135 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 400	JUL	5 790
FEB	41 100	AUG	2 410
MAR	14 400	SEP	6 140
APR	25 000	OCT	30 800
MAY	18 200	NOV	66 300
JUN	11 300	DEC	49 400

TOTAL DISCHARGE, 303 000 dam³

LITTLE QUALICUM RIVER NEAR QUALICUM BEACH - STATION NO. 08HB029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.8	9.54	12.9	11.5	13.5	5.85	4.76	2.17	2.74	13.3	85.5	18.8	1
2	24.8	8.94	11.9	10.7	13.8	5.72	4.48	2.07	2.51	15.0	61.5	26.2	2
3	20.9	8.45	11.3	10.3	13.4	5.75	4.39	1.96	2.40	12.8	43.7	23.4	3
4	18.0	7.86	10.4	9.94	13.3	5.60	4.08	1.84	2.38	11.1	33.2	26.8	4
5	16.4	7.54	9.77	15.2	12.7	5.76	3.97	1.71	2.30	10.8	26.5	77.1	5
6	15.1	6.96	9.34	14.7	11.7	6.00	3.78	1.68	2.20	14.6	21.7	54.8	6
7	13.7	6.67	8.85	12.8	11.4	5.94	3.68	1.57	2.20	19.1	18.2	41.9	7
8	12.7	6.46	8.62	11.7	10.9	5.85	3.46	1.52	1.79	23.1	15.3	32.4	8
9	14.2	6.02	8.10	10.8	10.3	5.74	3.38	1.59	1.95	21.2	13.2	33.6	9
10	14.4	5.80	7.70	10.2	9.92	5.74	3.58	1.55	1.92	17.8	11.8	39.2	10
11	13.2	5.77	7.43	10.4	9.79	5.21	3.64	1.65	1.86	14.8	34.4	32.9	11
12	12.1	5.82	7.16	9.67	9.23	4.63	3.51	1.56	1.85	12.4	42.7	27.0	12
13	11.3	6.76	6.94	9.13	8.96	4.87	3.51	1.53	1.74	10.6	36.7	23.0	13
14	10.5	13.7	6.93	8.50	8.86	4.88	3.32	1.43	1.68	9.31	51.0	21.7	14
15	9.75	31.5	6.73	8.64	8.20	4.86	3.22	1.42	1.63	8.32	56.4	21.2	15
16	9.45	48.6	6.49	12.2	7.60	4.90	3.00	1.36	1.61	7.46	48.8	18.9	16
17	8.97	55.0	6.28	12.4	7.24	4.76	2.99	1.05	1.59	6.69	40.4	16.6	17
18	13.0	62.8	6.10	11.8	7.03	4.90	3.05	1.20	1.72	6.14	34.1	16.5	18
19	17.2	73.5	5.99	11.4	7.30	5.49	2.97	1.27	1.85	5.77	28.9	38.0	19
20	16.6	57.3	5.90	11.1	7.38	5.68	2.85	1.70	1.94	5.46	29.9	35.4	20
21	29.7	39.8	5.81	10.6	7.01	5.89	2.58	1.63	7.14	5.23	43.0	28.8	21
22	30.7	29.7	5.99	12.2	6.20	6.04	2.53	1.52	8.32	5.05	49.8	23.9	22
23	26.5	23.8	6.29	17.5	6.03	6.40	2.50	1.43	7.70	4.77	42.3	20.7	23
24	22.3	20.6	6.34	20.4	6.53	6.28	2.50	1.71	6.92	4.54	33.9	18.3	24
25	18.7	18.7	7.07	18.2	8.80	5.96	2.40	1.77	6.03	4.47	28.0	16.2	25
26	16.8	17.5	7.54	15.7	7.98	5.60	2.31	1.59	5.59	4.41	24.0	14.5	26
27	14.8	15.9	7.36	13.9	7.29	5.44	2.22	1.53	5.91	10.1	20.8	13.2	27
28	14.0	14.2	7.20	14.0	6.81	5.27	2.23	1.62	8.84	22.8	17.7	12.0	28
29	12.5		8.85	13.9	6.61	5.25	2.27	1.84	10.1	16.6	15.8	11.2	29
30	11.2		9.34	13.7	6.49	5.03	2.17	2.04	10.3	18.2	14.6	10.1	30
31	10.2		11.4		6.10		2.29	2.05		84.3		9.49	31
TOTAL	510.47	615.19	248.02	373.18	278.36	165.29	97.62	50.56	116.71	426.22	1 023.8	803.79	TOTAL
MEAN	16.5	22.0	8.00	12.4	8.98	5.51	3.15	1.63	3.89	13.7	34.1	25.9	MEAN
MAX	30.8	73.5	12.9	20.4	13.8	6.40	4.76	2.17	10.3	84.3	85.5	77.1	MAX
MIN	8.97	5.77	5.81	8.50	6.03	4.63	2.17	1.05	1.59	4.41	11.8	9.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 85.5 ON NOV 1
MINIMUM DAILY, 1.05 ON AUG 17
MAXIMUM INSTANTANEOUS,
105 AT 14:50 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 07 N
LONG 124 29 07 W
DRAINAGE AREA, 237 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 100	JUL	8 430
FEB	53 200	AUG	4 370
MAR	21 400	SEP	10 100
APR	32 200	OCT	36 800
MAY	24 100	NOV	88 500
JUN	14 300	DEC	69 400

TOTAL DISCHARGE, 407 000 dam³

LITTLE SHUSWAP LAKE AT CHASE - STATION NO. 08LE057

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.247	1.229	1.225	1.292	1.653	3.482	3.239	2.809	1.812	1.381	1.557	1.467	1
2	1.256	1.227	1.224	1.300	1.718	3.549	3.240	2.775	1.806	1.379	1.572	1.459	2
3	1.260	1.226	1.228	1.302	1.784	3.602	3.236	2.735	1.812	1.405	1.582	1.449	3
4	1.256	1.225	1.238	1.312	1.823	3.651	3.230	2.702	1.812	1.433	1.587	1.442	4
5	1.257	1.222	1.246	1.327	1.868	3.688	3.233	2.670	1.810	1.452	1.597	1.438	5
6	1.265	1.217	1.257	1.325	1.894	3.715	3.227	2.635	1.806	1.454E	1.604	1.423	6
7	1.268	1.216	1.264	1.330	1.916	3.747	3.221	2.603	1.794	1.462E	1.604	1.411	7
8	1.265	1.212	1.269	1.334	1.937	3.762	3.214	2.565	1.777	1.466E	1.602	1.394	8
9	1.264	1.202	1.266	1.337	1.957	3.757	3.188	2.533	1.758	1.486E	1.600	1.383	9
10	1.258	1.194	1.260	1.337	1.973	3.747	3.160	2.501	1.738	1.506E	1.593	1.374	10
11	1.247	1.185	1.256	1.339	1.990	3.727	3.136	2.466	1.719	1.522E	1.588	1.360	11
12	1.240	1.178	1.252	1.334	2.014	3.690	3.113	2.432	1.694	1.533E	1.582	1.347	12
13	1.235	1.173	1.249	1.328	2.042	3.657	3.091	2.392	1.674	1.540E	1.582	1.341	13
14	1.226	1.169	1.247	1.328	2.074	3.630	3.079	2.357	1.653	1.544E	1.586	1.337	14
15	1.217	1.167	1.247	1.320	2.106	3.602	3.070	2.322	1.632	1.572	1.584	1.325	15
16	1.208	1.169	1.240	1.311	2.154	3.583	3.060	2.283	1.611	1.568	1.579	1.309	16
17	1.200	1.168	1.239	1.307	2.206	3.571	3.048	2.248	1.589	1.563	1.572	1.303	17
18	1.193	1.170	1.247	1.302	2.255	3.551	3.034	2.214	1.567	1.559	1.569	1.295	18
19	1.185	1.175	1.252	1.299	2.313	3.530	3.023	2.180	1.546	1.549	1.569	1.286	19
20	1.180	1.177	1.259	1.298	2.390	3.498	3.015	2.147	1.530	1.536	1.567	1.269	20
21	1.172	1.184	1.262	1.308	2.465	3.467	3.008	2.121	1.525	1.529	1.564	1.251	21
22	1.171	1.192	1.262	1.319	2.551	3.441	3.001	2.095	1.511	1.523	1.554	1.235	22
23	1.170	1.197	1.264	1.342	2.657	3.416	2.988	2.064	1.492	1.517	1.547	1.225	23
24	1.172	1.199	1.265	1.367	2.767	3.390	2.986	2.032	1.473	1.504	1.539	1.221	24
25	1.186	1.204	1.266	1.422	2.873	3.364	2.978	1.987	1.451	1.494	1.526	1.211	25
26	1.199	1.212	1.265	1.476	2.993	3.335	2.960	1.939	1.437	1.485	1.514	1.201	26
27	1.210	1.220	1.266	1.516	3.106	3.309	2.935	1.907	1.426	1.482	1.495	1.188	27
28	1.216	1.223	1.269	1.553	3.187	3.297	2.902	1.885	1.411	1.488	1.486	1.177	28
29	1.222		1.270	1.581	3.245	3.276	2.871	1.869	1.394	1.497	1.483	1.166	29
30	1.227		1.274	1.615	3.298	3.254	2.854	1.853	1.382	1.517	1.472	1.148	30
31	1.228		1.285		3.380		2.831	1.830		1.539		1.141	31
MEAN	1.223	1.198	1.255	1.362	2.342	3.543	3.070	2.295	1.621	1.500	1.562	1.309	MEAN
MAX	1.268	1.229	1.285	1.615	3.380	3.762	3.240	2.809	1.812	1.572	1.604	1.467	MAX
MIN	1.170	1.167	1.224	1.292	1.653	3.254	2.831	1.830	1.382	1.379	1.472	1.141	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.860
MAXIMUM DAILY, 3.762 ON JUN 8
MINIMUM DAILY, 1.141 ON DEC 31
MAXIMUM INSTANTANEOUS,
3.765 AT 15:00 PST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 42 N
LONG 119 40 28 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 343.613 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LITTLE SWIFT RIVER AT THE MOUTH - STATION NO. 08KE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.750B	1.70 B	0.755B	0.789	6.06	14.7	4.15	2.32	1.79	1.81	6.55	0.885B	1
2	0.710B	1.60 B	0.730B	0.769	4.99	11.8	3.51	1.88	2.45	1.69	8.85	0.850B	2
3	0.685B	1.40 B	0.710B	0.738	4.48	10.4	3.40	1.66	1.57	1.22	6.05	0.750B	3
4	0.650B	1.20 B	0.690B	0.695	4.33	11.2	3.07	1.39	1.67	1.05	4.77	0.710B	4
5	0.620B	1.10 B	0.680B	0.681	4.90	8.61	2.78	1.25	1.40	0.946	3.94	0.690B	5
6	0.595B	1.00 B	0.670B	0.654	5.62	7.84	2.73	1.10	1.05	0.912	3.47	0.680B	6
7	0.570B	0.950B	0.655B	0.622	5.31	6.93	2.45	0.995	0.880	3.72	3.20	0.670B	7
8	0.550B	0.900B	0.650B	0.610	5.37	6.15	2.29	0.916	0.755	2.68	2.92	0.660B	8
9	0.525B	0.870B	0.645B	0.611	6.16	5.48	2.14	0.846	0.694	1.92	2.84	0.640B	9
10	0.505B	0.840B	0.640B	0.584	5.93	5.69	2.03	0.782	0.782	1.67	2.71	0.630B	10
11	0.490B	0.830B	0.650B	0.595	5.43	5.73	1.85	0.721	0.675	1.54	2.62	0.620B	11
12	0.470B	0.824B	0.655B	0.578	5.84	5.20	1.76	0.688	0.608	1.38	3.83	0.615B	12
13	0.460B	0.840B	0.660B	0.587	6.99	4.87	1.57	0.680	0.565	1.25	3.01	0.610B	13
14	0.450B	0.850B	0.665B	0.557	8.23	4.46	1.60	0.622	0.544	1.20	2.71	0.610B	14
15	0.435B	0.870B	0.670B	0.559	8.85	4.36	2.13	0.599	0.512	1.23	2.99	0.610B	15
16	0.430B	0.900B	0.740B	0.696	10.0	5.73	1.86	0.565	0.473	1.65	2.73	0.611B	16
17	0.430B	0.905B	0.820B	0.666	11.5	5.69	1.72	0.541	0.460	1.71	2.46	0.615B	17
18	0.445B	0.910B	0.850B	0.759	12.9	5.12	1.67	0.526	0.443	1.40	2.07	0.620B	18
19	0.500B	0.915B	0.800B	1.12	14.0	5.59	1.68	0.526	0.483	1.22	2.25	0.635B	19
20	0.670B	0.910B	0.720B	1.56	15.7	7.13	1.60	0.506	0.572	1.09	2.10	0.640B	20
21	1.00 B	0.910B	0.660B	1.68	17.6	6.28	1.32	0.482	0.520	0.996	2.01	0.660B	21
22	3.00 B	0.905B	0.630B	1.77	19.6	5.65	1.49	0.455	0.532	0.963	1.93	0.650B	22
23	4.50 B	0.890B	0.620B	3.42	18.0	7.16	2.13	0.445	1.04	0.966	1.81	0.620B	23
24	4.20 B	0.875B	0.620B	6.30	18.1	6.68	1.71	0.431	1.10	1.65	1.44	0.600B	24
25	3.80 B	0.865B	0.635B	4.95	20.0	5.58	1.21	0.426	0.880	1.97	1.29 B	0.585B	25
26	3.30 B	0.850B	0.660B	3.27	25.1	5.01	1.03	0.420	0.785	1.94	1.15 B	0.570B	26
27	3.00 B	0.830B	0.666A	2.66	17.3	4.61	0.970	0.434	0.711	1.72	1.08 B	0.560B	27
28	2.70 B	0.800B	0.906	2.77	11.8	4.23	1.28	0.456	0.702	2.04	1.02 B	0.550B	28
29	2.40 B		0.973	2.96	9.71	3.97	2.98	0.460	0.961	2.11	0.950B	0.540B	29
30	2.15 B		0.918	4.10	15.6	4.84	3.46	0.520	1.30	1.90	0.915B	0.530B	30
31	1.95 B		0.851		26.6		3.28	0.473		2.34		0.510B	31
TOTAL	41.940	27.239	22.194	48.310	352.00	196.29	66.850	24.115	26.907	49.883	85.665	19.726	TOTAL
MEAN	1.35	0.973	0.716	1.61	11.4	6.54	2.16	0.778	0.897	1.61	2.86	0.636	MEAN
MAX	4.50	1.70	0.973	6.30	26.6	14.7	4.15	2.32	2.45	3.72	8.85	0.885	MAX
MIN	0.430	0.800	0.620	0.557	4.33	3.97	0.970	0.420	0.443	0.912	0.915	0.510	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.63
MAXIMUM DAILY, 26.6 ON MAY 31
MINIMUM DAILY, 0.420 ON AUG 26
MAXIMUM INSTANTANEOUS,
36.3 AT 00:15 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 07 N
LONG 121 45 42 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 620	JUL	5 780
FEB	2 350	AUG	2 080
MAR	1 920	SEP	2 320
APR	4 170	OCT	4 310
MAY	30 400	NOV	7 400
JUN	17 000	DEC	1 700

TOTAL DISCHARGE, 83 100 dam³

LITTLE WEDEENE RIVER BELOW BOWBYES CREEK - STATION NO. 08FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6	8.16	4.59	10.1	25.4	29.6E	24.7	8.31A	6.11	55.0 E	17.6	9.07	1
2	8.86	6.53	5.21	9.11	20.9	27.4E	37.0 E	8.21A	5.25	12.7 A	19.4	8.99	2
3	8.82	4.73	5.78	7.85	17.9	33.0E	46.5 E	9.79	5.11	10.0	19.8	7.06	3
4	12.7	4.50	4.67	9.37	17.6	39.0E	27.0 E	12.4 A	4.62	7.40	18.4	6.27	4
5	13.2	4.37	4.29	13.6	22.5	36.0E	22.0 E	15.3 A	8.35	6.50	43.3	6.51	5
6	31.7	4.15B	4.24	9.58	29.5	33.0A	17.0 E	12.1	14.8	8.44	64.9	6.14	6
7	21.4	4.05B	4.24	8.41	31.7	24.9	13.8 A	11.7	9.27	15.0	23.2	5.59	7
8	15.3	3.95B	5.70	8.16	28.4	19.1	13.9	12.4	9.31	15.7	62.4	5.10	8
9	25.0	3.85B	5.51	7.49	29.4	18.9	14.5	12.2	52.4	11.3	97.9	4.93	9
10	30.8	3.78B	5.95	6.95	24.1	21.8	14.8 A	10.5	50.6	8.58	65.1	4.83	10
11	22.9	3.72B	6.14	6.06	18.4	28.2	22.0 E	9.46	40.3	6.97	157	4.59	11
12	18.4	3.65B	5.42	5.38	18.0	24.1	26.0 E	7.98	15.6	5.81	50.6	4.40B	12
13	45.7	3.60B	5.60	5.18	21.4	21.2	25.8 E	6.84	9.47	5.76	23.3	4.30B	13
14	30.0	3.55B	6.35	7.72	22.8	23.1	25.5 E	6.51	9.54	6.12	16.8	4.20B	14
15	18.7	23.3	9.78	8.66	31.0	27.9	26.3 E	6.41	8.93	7.46	14.9	4.10B	15
16	13.9	13.4	9.30	13.0	35.2	24.2	27.0 E	5.96	6.91	8.52	12.1	4.05B	16
17	13.5	17.5	7.23	9.81	28.7	18.8	28.2 E	5.64	6.36	6.64	9.71	4.00B	17
18	30.9	30.7	6.26	8.40	29.2E	18.9	28.3 E	5.55	9.70	16.9	8.75	6.35	18
19	117	15.9	5.93	8.37	32.8E	35.8	25.0 E	5.45	7.71	9.94	13.8	7.20	19
20	34.7	11.8	5.82	11.3	36.0E	30.2	21.5 E	5.48	6.01	6.78	19.9	8.82	20
21	60.5	34.7	5.81	13.6	38.3E	22.0	16.2 A	17.7	5.29	5.58	24.5	5.78	21
22	70.3	31.0	6.47	14.3	35.4E	18.2	15.0	12.9	5.17	4.88	18.7	5.16	22
23	35.9	11.4	7.17	19.8	37.1E	19.8	13.4 A	7.01	4.97	4.48	16.6	4.85	23
24	17.3	8.22	7.60	18.7	38.0E	21.0	18.5 E	10.1	4.54	4.58	13.1	4.81	24
25	12.5	6.63	11.5	12.8	72.2E	24.5	19.2 E	9.64	4.18	4.85	12.1	4.76	25
26	10.3	5.85	9.40	10.9	42.0E	22.2	17.5 E	8.28	3.95	5.02	9.52	4.53	26
27	8.85	5.30	11.1	13.7	33.0E	20.3	15.0 E	6.32	3.89	6.74	7.90	4.33	27
28	7.57	4.75	32.3	15.3	30.5E	22.8	11.6 A	5.53	4.23	8.38	9.06	4.10	28
29	6.66		14.2	13.2	40.0E	38.0E	10.7 A	4.91	7.86	10.6	9.79	4.00B	29
30	6.13		11.1	22.9	44.5E	32.2A	10.3 A	4.74	18.9 A	18.3	7.89	3.90B	30
31	7.12		12.1		35.0E		9.47	5.04		32.3		3.85B	31
TOTAL	767.21	283.04	246.76	329.70	976.9	776.1	643.67	270.36	349.33	337.23	888.02	166.57	TOTAL
MEAN	24.7	10.1	7.96	11.0	31.5	25.9	20.8	8.72	11.6	10.9	29.6	5.37	MEAN
MAX	117	34.7	32.3	22.9	72.2	39.0	46.5	17.7	52.4	55.0	157	9.07	MAX
MIN	6.13	3.55	4.24	5.18	17.6	18.2	9.47	4.74	3.89	4.48	7.89	3.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.5
MAXIMUM DAILY, 157 ON NOV 11
MINIMUM DAILY, 3.55B ON FEB 14
MAXIMUM INSTANTANEOUS,
206 AT 07:53 PST ON NOV 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 11 N
LONG 128 41 24 W
DRAINAGE AREA, 188 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 300	JUL	55 600
FEB	24 500	AUG	23 400
MAR	21 300	SEP	30 200
APR	28 500	OCT	29 100
MAY	84 400	NOV	76 700
JUN	67 100	DEC	14 400

TOTAL DISCHARGE, 522 000 dam³

LOCH KATRINE CREEK AT OUTLET OF GRAYSTOKE LAKE - STATION NO. 08NN229

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	3.88	2.82 A	0.592	2.11	0	0	0	1
2	0	0	0	0	0	3.86	2.00 A	0.595	2.07	0	0	0	2
3	0	0	0	0	0	3.81	1.56 A	0.593	2.02	0	0	0	3
4	0	0	0	0	0	3.78	1.45 A	0.714A	1.97	0	0	0	4
5	0	0	0	0	0	3.26	1.28 A	0.593	1.92	0	0	0	5
6	0	0	0	0	0	3.07	1.17 A	0.596	1.90	0	0	0	6
7	0	0	0	0	0	3.08	1.31 A	0.594	1.83	0	0	0	7
8	0	0	0	0	0	3.06	1.25 A	0.598	1.74	0	0	0	8
9	0	0	0	0	0	3.03	1.35 A	0.591	1.69	0	0	0	9
10	0	0	0	0	0	1.15	1.37 A	0.591	1.61	0	0	0	10
11	0	0	0	0	0	0.003	1.33 A	0.590	0.840	0	0	0	11
12	0	0	0	0	0	0.002	0.926A	0.583	0.468	0	0	0	12
13	0	0	0	0	0	0.002	1.30 A	0.590	0.444	0	0	0	13
14	0	0	0	0	0	0.002	2.33 A	0.836	0.224	0	0	0	14
15	0	0	0	0	0	0.002	1.57 A	1.02	0	0	0	0	15
16	0	0	0	0	0	0.002	1.19 A	1.01	0	0	0	0	16
17	0	0	0	0	0	0.002	1.06 A	1.00	0	0	0	0	17
18	0	0	0	0	0	0.002	0.917A	0.995	0	0	0	0	18
19	0	0	0	0	0	0.002	0.782A	0.986	0.001	0	0	0	19
20	0	0	0	0	0	0.016A	0.742A	0.986	0	0	0	0	20
21	0	0	0	0	0	0.821A	0.847A	0.977	0	0	0	0	21
22	0	0	0	0	0	1.24 A	0.646A	1.59	0	0	0	0	22
23	0	0	0	0	0	1.36 A	0.507A	2.46	0	0	0	0	23
24	0	0	0	0	0	1.27 A	0.776A	2.45	0	0	0	0	24
25	0	0	0	0	0	1.49 A	0.881A	2.39	0	0	0	0	25
26	0	0	0	0	0	1.89 A	0.541A	2.35	0	0	0	0	26
27	0	0	0	0	0	1.85 A	0.402A	2.32	0	0	0	0	27
28	0	0	0	0	2.28 E	1.54 A	0.323A	2.29	0	0	0	0	28
29	0		0	0	3.91 A	1.44 A	0.289A	2.22	0	0	0	0	29
30	0		0	0	3.90	1.65 A	0.572A	2.18	0	0	0	0	30
31	0		0		3.90		0.597A	2.14		0		0	31
TOTAL	0	0	0	0	13.99	46.566	34.088	38.020	20.837	0	0	0	TOTAL
MEAN	0	0	0	0	0.451	1.55	1.10	1.23	0.695	0	0	0	MEAN
MAX	0	0	0	0	3.91	3.88	2.82	2.46	2.11	0	0	0	MAX
MIN	0	0	0	0	0	0.002	0.289	0.583	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.421
MAXIMUM DAILY, 3.91A ON MAY 29
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
3.91 AT 10:50 PST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 09 N
LONG 118 52 15 W
DRAINAGE AREA, 16.1 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	2 950
FEB	0	AUG	3 280
MAR	0	SEP	1 800
APR	0	OCT	0
MAY	1 210	NOV	0
JUN	4 020	DEC	0

TOTAL DISCHARGE, 13 300 dam³

LONG JOHN CREEK AT THE MOUTH - STATION NO. 08KE029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.094B	0.047B	0.097B	0.300B	1.96	2.15	0.641	0.693	---	---	---	---	1
2	0.090B	0.045B	0.095B	0.295B	1.79	1.77	0.572	0.482	---	---	---	---	2
3	0.085B	0.043B	0.094B	0.275B	1.51	1.55	0.502	0.326	---	---	---	---	3
4	0.080B	0.041B	0.094B	0.270B	1.38	1.55	0.415	0.365	---	---	---	---	4
5	0.077B	0.039B	0.097B	0.265B	1.33	1.41	0.342	0.330A	---	---	---	---	5
6	0.074B	0.038B	0.103B	0.255B	1.37	1.20	0.314	0.265	---	---	---	---	6
7	0.071B	0.037B	0.113B	0.240B	1.35	1.02	0.309	0.198	---	---	---	---	7
8	0.069B	0.035B	0.123B	0.225B	1.25	0.961	0.280	0.166	---	---	---	---	8
9	0.067B	0.034B	0.132B	0.215B	1.19	1.12	0.279	0.146	---	---	---	---	9
10	0.064B	0.033B	0.142B	0.195B	1.13	1.78	0.296	0.132	---	---	---	---	10
11	0.062B	0.032B	0.158B	0.182B	1.11	2.18 E	0.245	0.123	---	---	---	---	11
12	0.060B	0.031B	0.168B	0.176B	1.00	2.10	0.196	0.112	---	---	---	---	12
13	0.059B	0.030B	0.188B	0.172B	0.935	1.99	0.184	0.104	---	---	---	---	13
14	0.057B	0.031B	0.215B	0.172B	0.944	1.60	0.219	0.095	---	---	---	---	14
15	0.055B	0.032B	0.234B	0.173B	1.09	1.31	0.239	0.092	---	---	---	0.026B	15
16	0.052B	0.034B	0.250B	0.174B	1.18	1.15	0.232	0.087	---	---	---	---	16
17	0.050B	0.037B	0.250B	0.176B	1.09	1.29	0.187	0.084	---	---	---	---	17
18	0.049B	0.042B	0.248B	0.182B	0.971	1.22	0.202	0.079	---	---	---	---	18
19	0.049B	0.048B	0.240B	0.200B	0.888	1.18	0.163	0.072	---	---	---	---	19
20	0.049B	0.056B	0.230B	0.370B	0.950	1.25	0.182	0.067	---	---	---	---	20
21	0.051B	0.064B	0.223B	0.420B	1.27	1.32	0.204	---	---	---	---	---	21
22	0.053B	0.075B	0.218B	0.700B	2.83 E	1.30	0.195	---	---	---	---	---	22
23	0.057B	0.084B	0.215B	1.53	2.62 E	2.19	0.175	---	---	---	---	---	23
24	0.061B	0.093B	0.215B	2.18	1.95	2.13 E	0.232	---	---	---	---	---	24
25	0.062B	0.097B	0.222B	1.62	1.74	1.63	0.253	---	---	---	---	---	25
26	0.061B	0.100B	0.228B	1.24	4.77 E	1.20	0.204	---	---	---	---	---	26
27	0.059B	0.101B	0.250B	1.13	7.45 E	0.955	0.149	---	---	---	---	---	27
28	0.056B	0.101B	0.265B	1.06	4.89 E	0.798	0.135	---	---	---	---	---	28
29	0.054B		0.285B	1.08	2.68 E	0.701	0.827	---	---	---	---	---	29
30	0.053B		0.295B	1.29	2.09 E	0.672	1.77	---	1.15A	---	---	---	30
31	0.049B		0.300B		2.33 E		1.12	---		---		---	31
TOTAL	1.929	1.480	5.987	16.762	59.038	42.677	11.263	---	---	---	---	---	TOTAL
MEAN	0.062	0.053	0.193	0.559	1.90	1.42	0.363	---	---	---	---	---	MEAN
MAX	0.094	0.101	0.300	2.18	7.45	2.19	1.77	---	---	---	---	---	MAX
MIN	0.049	0.030	0.094	0.172	0.888	0.672	0.135	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.45E ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 48 40 N
LONG 123 01 20 W
DRAINAGE AREA, 169 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	167	JUL	973
FEB	128	AUG	---
MAR	517	SEP	---
APR	1 450	OCT	---
MAY	5 100	NOV	---
JUN	3 690	DEC	---

LOUIS CREEK AT THE MOUTH - STATION NO. 08LB072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.61	1.27	1.31	1.38	7.63	8.50	4.11	1.75	0.736	1.51	1.90E	2.11E	1
2	1.51	1.24	1.24	1.27	7.33	7.93	3.53	1.84	0.963	1.75	2.00E	2.09E	2
3	1.27	1.24	1.21	1.18	7.04	7.73	3.37	1.75	1.21	2.02	2.10E	2.00E	3
4	1.41	1.18	1.34	1.12	6.74	7.23	3.23	1.66	1.31	2.32	2.20E	1.96E	4
5	1.48	1.12	1.38	1.24	5.95	7.93	3.10	1.58	1.38	2.63	2.25E	1.93E	5
6	1.51	1.06 B	1.34	1.38	5.57	9.17	3.30	1.48	1.27	3.03	2.15E	1.89E	6
7	1.44	0.997B	1.27	1.27	5.57	6.94	2.96	1.41	1.21	3.30	2.10E	1.85E	7
8	1.31	0.934B	1.24	1.21	5.20	6.84	2.83	1.27	1.12	2.89	2.02E	1.83E	8
9	1.24	0.892B	1.24	1.15	5.95	6.94	2.96	1.21	1.09	2.50	1.95E	1.80E	9
10	1.12	0.850B	1.21	1.18	7.43	6.74	2.76	1.18	0.994	2.02	1.83E	1.76E	10
11	0.906	0.799B	1.24	1.09	7.93	6.54	2.63	1.12	0.934	1.93	1.72E	1.77E	11
12	0.878	0.784B	1.15	1.18	8.95	6.34	2.44	1.03	0.878	1.80	1.67E	1.70E	12
13	0.821	0.691B	1.18	1.24	9.74	4.93	2.32	1.06	0.850	1.93	1.93	1.72B	13
14	0.878	0.934B	1.24	1.09	10.6	4.77	2.13	0.963	0.793	2.07	1.98	1.70B	14
15	0.994	1.15 B	1.27	1.03	10.8	4.52	2.02	0.994	0.765	2.38	2.02	1.67B	15
16	0.963	1.18 B	1.38	0.994	11.2	4.36	1.93	0.994	0.708	2.25	2.13	1.66B	16
17	0.906	1.21 B	1.44	0.963	11.4	4.19	1.84	0.994	0.680	2.13	2.25	1.63B	17
18	1.12	1.25 B	1.31	1.03	12.9	5.01	1.84	0.963	0.65[illegible]	2.02	2.32	1.61B	18
19	1.21	1.27 B	1.24	1.06	14.3	6.94	1.89	0.994	0.73[illegible]	1.93	2.38	1.57B	19
20	1.27	1.30 B	1.21	1.18	14.8	7.73	2.02	1.09	0.821	1.84	2.44	1.54B	20
21	1.41	1.30 B	1.15	1.27	15.1	7.43	2.25	1.03	0.963	1.80	2.50	1.50B	21
22	1.66	1.30 B	1.21	1.48	14.7	7.93	2.07	0.963	0.934	1.75	2.46E	1.47B	22
23	1.75	1.30 B	1.09	2.38	14.5	8.61	1.89	0.906	0.906	1.70	2.40E	1.44B	23
24	1.80	1.31	1.12	3.23	14.4	7.63	2.07	0.850	1.03	1.66	2.32E	1.43B	24
25	1.84	1.38	1.09	3.86	14.2	6.54	1.93	0.821	0.850	1.58	2.25E	1.39B	25
26	1.89	1.44	1.12	3.86	15.5	5.85	1.84	0.793	0.934	1.60E	2.16E	1.37B	26
27	1.61	1.44	1.03	4.11	14.8	5.29	1.61	0.765	1.06	1.90E	2.11E	1.36B	27
28	1.58	1.41	1.06	4.27	12.6	4.77	1.50	0.708	1.18	2.10E	2.04E	1.35B	28
29	1.44		1.12	4.36	11.2	4.19	1.70	0.680	1.27	2.20E	2.06E	1.33B	29
30	1.38		1.24	4.60	10.2	3.70	1.70	0.654	1.41	1.99E	2.10E	1.32B	30
31	1.34		1.31		9.17		1.75	0.603		1.90E		1.30B	31
TOTAL	41.546	32.231	37.98	56.657	323.40	193.22	73.60	38.105	29.639	64.43	63.74	51.05	TOTAL
MEAN	1.34	1.15	1.23	1.89	10.4	6.44	2.37	1.10	0.988	2.08	2.12	1.65	MEAN
MAX	1.89	1.44	1.44	4.60	15.5	9.17	4.11	1.84	1.41	3.30	2.50	2.11	MAX
MIN	0.821	0.691	1.03	0.963	5.20	3.70	1.58	0.603	0.654	1.51	1.67	1.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 15.5 ON MAY 26
MINIMUM DAILY, 0.603 ON AUG 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 08 06 N
LONG 120 07 22 W
DRAINAGE AREA, 515 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 590	JUL	6 360
FEB	2 780	AUG	2 950
MAR	3 280	SEP	2 560
APR	4 980	OCT	5 570
MAY	27 900	NOV	5 510
JUN	16 700	DEC	4 410

TOTAL DISCHARGE, 86 500 dam³

MACIVOR CREEK NEAR THE MOUTH - STATION NO. 08JA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33 B	0.171B	0.130B	---	---	---	---	---	---	---	---	---	1
2	1.25 B	0.162B	0.128B	---	---	---	---	---	---	---	---	---	2
3	1.16 B	0.151B	0.126B	---	---	---	---	---	---	---	---	---	3
4	1.06 B	0.142B	0.125B	---	---	---	---	---	---	---	---	---	4
5	0.925B	0.136B	0.124B	---	---	---	---	---	---	---	---	---	5
6	0.875B	0.132B	0.123B	---	---	---	---	---	---	---	---	---	6
7	0.766B	0.126B	0.124B	---	---	---	---	---	---	---	---	---	7
8	0.705B	0.122B	0.125B	---	---	---	---	---	---	---	---	---	8
9	0.659B	0.120B	0.125B	---	---	---	---	---	---	---	---	---	9
10	0.625B	0.119B	0.126B	---	---	---	---	---	---	---	---	0.191	10
11	0.555B	0.118B	0.127E	---	---	---	---	---	---	---	---	---	11
12	0.522B	0.118B	0.128E	---	---	---	---	---	---	---	---	---	12
13	0.486B	0.117B	0.128E	---	---	---	---	---	---	---	---	---	13
14	0.459B	0.118B	0.129E	---	---	---	---	---	---	---	---	---	14
15	0.428B	0.119B	0.129E	---	---	---	---	---	---	---	---	---	15
16	0.407B	0.119B	0.130E	---	---	---	---	---	0.286	---	---	---	16
17	0.392B	0.120B	0.131E	---	---	---	---	---	---	---	---	---	17
18	0.373B	0.123B	0.132E	---	---	---	---	---	---	---	---	---	18
19	0.358B	0.125B	0.133E	---	---	---	---	---	---	---	---	---	19
20	0.345B	0.127B	0.133E	---	---	---	---	---	---	0.326	---	---	20
21	0.362B	0.128B	0.134E	---	---	---	---	---	---	---	---	---	21
22	0.425B	0.132B	0.134E	---	---	---	---	---	---	---	---	---	22
23	0.402B	0.135B	0.135E	0.173	---	---	---	---	---	---	---	---	23
24	0.355B	0.135B	0.136E	---	---	---	---	---	---	---	---	---	24
25	0.333B	0.136B	0.136E	---	---	---	---	---	---	---	---	---	25
26	0.322B	0.137B	0.137E	---	---	---	---	---	---	---	---	---	26
27	0.250B	0.134B	0.138E	---	---	---	---	---	---	---	---	---	27
28	0.224B	0.132B	0.139E	---	---	---	---	---	---	---	---	---	28
29	0.205B		0.140E	---	---	---	---	---	---	---	---	---	29
30	0.192B		0.141E	---	---	---	---	---	---	---	---	---	30
31	0.179B		0.141E		---		---	---		---		---	31
TOTAL	16.929	3.654	4.067	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.546	0.131	0.131	---	---	---	---	---	---	---	---	---	MEAN
MAX	1.33	0.171	0.141	---	---	---	---	---	---	---	---	---	MAX
MIN	0.179	0.117	0.123	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 07 N
LONG 126 21 00 W
DRAINAGE AREA, 53.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 460	JUL	---
FEB	316	AUG	---
MAR	351	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

MACKAY CREEK AT MONTROYAL BOULEVARD - STATION NO. 08GA061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.295	0.101	0.132	0.738	0.295	0.105	0.141	0.029	0.271	2.61	2.03	0.786	1
2	0.239	0.091	0.128	0.743	0.245	0.103	0.127	0.028	0.093	0.823	0.527	1.04	2
3	0.210	0.087	0.291	0.657	0.523	0.158	0.110	0.028	0.069	0.399	0.332	0.516	3
4	0.160	0.080	0.214	0.551	0.612	0.147	0.100	0.026	0.067	0.254	0.230	0.441	4
5	0.128	0.076	0.168	0.880	0.369	0.400	0.088	0.026	0.049	0.303	0.185	0.533	5
6	0.129	0.070	0.152	0.490	0.283	0.305	0.076	0.024	0.039	0.552	0.147	0.378	6
7	0.117	0.067	0.182	0.344	0.287	0.210	0.115	0.023	0.036	0.919	0.113	0.394	7
8	0.109	0.067	0.147	0.715	0.232	0.199	0.073	0.024	0.031	1.49	0.099	0.300	8
9	0.184	0.065	0.129	0.480	0.210	0.255	0.073	0.024	0.044	0.978	0.097	0.615	9
10	0.103	0.061	0.123	0.405	0.202	0.499	0.082	0.023	0.029	0.441	0.087	0.687	10
11	0.097	0.061	0.107	0.348	0.169	0.357	0.065	0.024	0.026	0.227	0.262	0.423	11
12	0.090	0.111	0.099	0.407	0.149	0.294	0.057	0.026	0.026	0.141	0.342	0.306	12
13	0.086	0.300	0.095	0.302	0.142	0.380	0.057	0.024	0.026	0.111	0.277	0.291	13
14	0.081	0.525	0.091	0.263	0.150	0.268	0.052	0.023	0.026	0.089	0.428	0.259	14
15	0.075	1.85	0.167	0.264	0.140	0.286	0.048	0.020	0.026	0.073	0.407	0.217	15
16	0.070	1.72	0.145	0.250	0.121	0.414	0.043	0.019	0.026	0.067	0.327	0.177	16
17	0.083	1.00	0.113	0.237	0.114	0.316	0.041	0.019	0.026	0.064	0.410	0.160	17
18	0.111	1.36	0.105	0.215	0.119	0.641	0.049	0.019	0.043	0.056	0.526	0.311	18
19	0.082	0.878	0.095	0.198	0.123	0.564	0.047	0.018	0.030	0.053	0.498	0.431	19
20	0.084	0.605	0.082	0.219	0.112	0.324	0.049	0.074	0.045	0.048	0.490	0.283	20
21	0.140	0.781	0.079	0.306	0.107	0.299	0.044	0.029	0.161	0.046	1.36	0.203	21
22	0.132	0.488	0.118	1.60	0.096	0.303	0.040	0.023	0.276	0.041	1.08	0.158	22
23	0.128	0.329	0.198	1.31	0.094	0.454	0.041	0.027	0.146	0.040	0.941	0.162	23
24	0.106	0.282	0.140	0.799	0.266	0.295	0.038	0.028	0.108	0.040	0.505	0.253	24
25	0.102	0.243	0.281	0.434	0.514	0.216	0.036	0.057	0.087	0.047	0.582	0.163	25
26	0.142	0.195	0.184	0.285	0.264	0.176	0.033	0.021	0.078	0.062	0.444	0.201	26
27	0.118	0.166	0.150	0.455	0.186	0.152	0.033	0.021	0.222	0.269	0.311	0.141	27
28	0.139	0.145	0.274	0.741	0.156	0.146	0.031	0.020	0.402	0.426	0.216	0.123	28
29	0.145		0.858	0.439	0.152	0.219	0.031	0.027	0.216	0.276	0.209	0.102	29
30	0.123		1.09	0.367	0.149	0.175	0.033	0.018	0.576	0.527	0.478	0.090	30
31	0.116		1.65		0.116		0.030	0.151		9.25		0.083	31
TOTAL	3.884	11.804	7.787	15.444	6.697	8.660	1.883	0.943	3.300	20.722	13.940	10.227	TOTAL
MEAN	0.125	0.422	0.251	0.515	0.216	0.289	0.061	0.030	0.110	0.668	0.465	0.330	MEAN
MAX	0.295	1.85	1.65	1.60	0.612	0.641	0.141	0.151	0.576	9.25	2.03	1.04	MAX
MIN	0.070	0.061	0.079	0.198	0.094	0.103	0.030	0.018	0.026	0.040	0.087	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 9.25 ON OCT 31
MINIMUM DAILY, 0.018 ON AUG 19
MAXIMUM INSTANTANEOUS,
16.2 AT 09:00 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 22 N
LONG 123 05 54 W
DRAINAGE AREA, 3.63 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	336	JUL	163
FEB	1 020	AUG	81.5
MAR	673	SEP	285
APR	1 330	OCT	1 790
MAY	579	NOV	1 200
JUN	748	DEC	884

TOTAL DISCHARGE, 9 090 dam³

MACKAY RIVER AT THE MOUTH - STATION NO. 08KH022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.35B	2.21 B	0.950B	1.15	6.77	17.3	9.47	6.25	5.87	2.91	8.57	1.43B	1
2	2.31B	2.00 B	0.930B	1.12	5.61	16.8	9.98	5.62	5.00	3.15	7.65	1.39B	2
3	2.16B	1.82 B	0.920B	1.08	4.62	15.0	13.9	5.29	3.74	2.63	5.73	1.35B	3
4	1.96B	1.69 B	0.910B	1.02	4.35	15.4	13.1	5.07	4.27	2.29	4.82	1.32B	4
5	2.01B	1.53 B	0.900B	0.994	4.40	14.0	11.1	4.72	4.18	1.99	4.22	1.29B	5
6	2.05B	1.44 B	0.890B	0.968	4.18	13.6	10.2	4.42	3.30	2.00	3.98	1.25B	6
7	1.95B	1.36 B	0.870B	0.991	4.12	11.2	8.33	4.16	2.80	5.19	3.77	1.21B	7
8	1.90B	1.28 B	0.855B	1.02	4.51	9.85	7.04	3.85	2.48	3.84	3.59	1.18B	8
9	1.86B	1.21 B	0.830B	1.03	5.02	9.18	6.35	3.64	2.40	3.35	3.37	1.15B	9
10	1.80B	1.17 B	0.801B	1.03	5.16	8.78	6.40	3.39	2.56	2.99	3.11	1.14B	10
11	1.72B	1.15 B	0.807B	1.05	4.96	9.06	6.52	3.41	2.12	2.74	3.03	1.11B	11
12	1.61B	1.11 B	0.815B	1.01	5.50	8.17	6.60	3.22	1.94	2.50	3.54	1.08B	12
13	1.51B	1.09 B	0.830B	0.990	6.99	7.99	6.76	2.68	1.72	2.28	3.20	1.04B	13
14	1.43B	1.08 B	0.850B	0.918	7.97	8.84	7.97	2.47	1.60	2.07	3.05	1.03B	14
15	1.34B	1.07 B	0.890B	0.918	8.58	9.10	7.90	2.38	1.49	2.12	3.29	1.02B	15
16	1.34B	1.07 B	0.900B	1.01	9.72	9.49	7.54	2.15	1.44	2.88	2.92	1.02B	16
17	1.38B	1.07 B	0.905B	0.991	11.6	9.19	7.37	2.02	1.43	3.03	2.54	1.03B	17
18	1.50B	1.08 B	0.900B	0.994	13.8	8.28	8.13	1.87	1.41	2.70	2.34	1.05B	18
19	1.65B	1.07 B	0.890B	1.37	16.4	7.94	10.9	1.77	2.27	2.49	2.31	1.11B	19
20	1.84B	1.06 B	0.880B	1.80	18.4	8.43	10.4	1.69	1.88	2.19	2.19	1.23B	20
21	2.09B	1.05 B	0.880B	1.83	19.2	7.94	9.73	1.61	1.66	2.02	2.14	1.22B	21
22	2.45B	1.04 B	0.880B	1.82	19.5	7.61	8.38	1.53	1.60	2.02	2.09	1.20B	22
23	2.90B	1.03 B	0.885B	3.39	21.1	7.89	8.02	1.47	1.65	1.95	1.99	1.17B	23
24	3.25B	1.01 B	0.890B	6.55	25.5	8.45	7.57	1.46	1.93	2.55	1.71	1.14B	24
25	3.41B	0.990B	0.900B	4.22	29.6	9.47	6.73	1.42	1.80	2.69	1.83	1.10B	25
26	3.37B	0.980B	0.910B	3.59	32.0	10.5	6.56	1.38	1.61	2.56	1.73	1.08B	26
27	3.21B	0.970B	0.940B	3.40	20.8	9.76	6.85	1.53	1.41	2.46	1.52	1.07B	27
28	3.02B	0.965B	0.965E	3.17	14.8	8.90	7.22	1.39	1.66	3.41	1.48B	1.06B	28
29	2.75B		0.980E	3.01	10.4	9.55	7.32	2.02	2.41	3.40	1.47B	1.04B	29
30	2.50B		0.990E	4.45	20.7	10.3	7.38	2.24	2.36	2.90	1.46B	1.02B	30
31	2.35B		1.04 A		24.7		7.23	1.83		3.08		1.00B	31
TOTAL	66.97	34.595	27.783	56.884	394.96	307.97	258.55	87.95	71.99	84.38	94.64	35.53	TOTAL
MEAN	2.16	1.24	0.896	1.90	12.7	10.3	8.34	2.84	2.40	2.72	3.15	1.15	MEAN
MAX	3.41	2.21	1.04	6.55	32.0	17.3	13.9	6.25	5.87	5.19	8.57	1.43	MAX
MIN	1.34	0.965	0.801	0.918	4.12	7.61	6.35	1.38	1.41	1.95	1.46	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.17
MAXIMUM DAILY, 32.0 ON MAY 26
MINIMUM DAILY, 0.801B ON MAR 10
MAXIMUM INSTANTANEOUS,
41.0 AT 01:35 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 22 30 N
LONG 120 43 00 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 790	JUL	22 300
FEB	2 990	AUG	7 600
MAR	2 400	SEP	6 220
APR	4 910	OCT	7 290
MAY	34 100	NOV	8 180
JUN	26 600	DEC	3 070

TOTAL DISCHARGE, 131 000 dam³

MACKENZIE CREEK NEAR 520 m CONTOUR - STATION NO. 08NE122

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.278E	0.223E	0.235E	0.409	0.671E	2.94	1.38 E	0.793E	0.263E	0.118E	0.217E	0.123E	1
2	0.253	0.221	0.228	0.385E	0.702E	2.86E	1.40	0.762E	0.263	0.120	0.228	0.126	2
3	0.251E	0.221E	0.232E	0.357	0.736E	2.78	1.58 E	0.730	0.263E	0.127E	0.225E	0.126E	3
4	0.249E	0.221	0.235	0.351E	0.767	2.44E	1.75	0.688E	0.263	0.135E	0.221	0.126	4
5	0.246	0.214E	0.235E	0.345E	0.739E	2.11	2.14 E	0.646	0.258E	0.142	0.211E	0.131E	5
6	0.241E	0.207	0.235	0.341	0.711	2.11E	2.53	0.626E	0.255E	0.153E	0.200E	0.136E	6
7	0.235	0.210B	0.233E	0.334E	0.680E	2.11E	2.53 E	0.605	0.249E	0.165	0.190E	0.142E	7
8	0.232E	0.207B	0.230E	0.325	0.646	2.11	2.53	0.541E	0.238E	0.171E	0.180E	0.147	8
9	0.232	0.204B	0.228	0.317E	0.617E	1.96E	2.10 E	0.476E	0.227E	0.177E	0.169E	0.136	9
10	0.232E	0.204B	0.221E	0.309	0.592E	1.81	1.67 E	0.409	0.218E	0.183	0.159	0.133E	10
11	0.235E	0.201B	0.214	0.297E	0.563	1.70E	1.25	0.408E	0.215E	0.169E	0.159E	0.129E	11
12	0.235	0.204B	0.217E	0.283E	0.665E	1.58	1.41 E	0.401	0.126	0.154E	0.159	0.126E	12
13	0.235E	0.207B	0.219E	0.270	0.767	1.51E	1.58	0.357E	0.126E	0.140E	0.158E	0.122E	13
14	0.235	0.210B	0.222E	0.270	0.804E	1.43E	1.53 E	0.309	0.126	0.126	0.156E	0.119E	14
15	0.232E	0.215B	0.225E	0.263	0.842	1.36	1.48	0.306E	0.117E	0.126E	0.155E	0.115	15
16	0.228	0.227B	0.228	0.279E	0.892E	1.59E	1.42 E	0.303E	0.108E	0.126	0.153	0.115	16
17	0.226E	0.244B	0.239E	0.293	0.946E	1.81	1.36	0.301	0.099	0.120E	0.148E	0.112E	17
18	0.223E	0.283	0.249	0.320E	0.995	1.67E	1.33 E	0.300E	0.106E	0.115E	0.142	0.110	18
19	0.221	0.317	0.249E	0.348E	1.26 E	1.52	1.29	0.301	0.114E	0.110	0.145E	0.104E	19
20	0.217E	0.309	0.249E	0.374	1.52	1.40E	1.25 E	0.294E	0.121E	0.110E	0.147	0.099E	20
21	0.214	0.294E	0.249E	0.456E	1.58 E	1.29E	1.21 E	0.285	0.129E	0.110E	0.157E	0.093	21
22	0.217E	0.278E	0.249E	0.535	1.64	1.17	1.17	0.281E	0.136	0.110	0.167E	0.092E	22
23	0.221	0.263	0.249	0.558E	1.95 E	1.19E	1.10 E	0.276E	0.142	0.111E	0.177	0.090	23
24	0.221E	0.263E	0.263E	0.577	2.66 E	1.21	1.02	0.270	0.138E	0.112E	0.167E	0.087E	24
25	0.221E	0.263	0.278	0.595E	3.26	1.23E	0.985E	0.270E	0.134E	0.114E	0.157E	0.083	25
26	0.221	0.256E	0.282E	0.614E	2.92 E	1.25	0.951E	0.270	0.130E	0.115	0.147	0.082E	26
27	0.221E	0.249	0.285	0.632	2.69	1.27E	0.915	0.256	0.127E	0.135E	0.136	0.080E	27
28	0.221	0.242E	0.297E	0.620E	2.11	1.30E	0.889E	0.263	0.123E	0.155E	0.131E	0.078E	28
29	0.225E		0.306E	0.605	2.11	1.32	0.861	0.263E	0.119E	0.175E	0.126E	0.076	29
30	0.228		0.317	0.637E	2.39 E	1.35E	0.844E	0.263E	0.115	0.195	0.120	0.074E	30
31	0.226E		0.365E		2.66 E		0.823	0.263		0.206E		0.074E	31
TOTAL	7.172	6.657	7.763	12.299	42.085	51.38	44.278	12.516	5.048	4.325	5.007	3.386	TOTAL
MEAN	0.231	0.238	0.250	0.410	1.36	1.71	1.43	0.404	0.168	0.140	0.167	0.109	MEAN
MAX	0.278	0.317	0.365	0.637	3.26	2.94	2.53	0.793	0.263	0.206	0.228	0.147	MAX
MIN	0.214	0.201	0.214	0.263	0.563	1.17	0.823	0.256	0.099	0.110	0.120	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.553
MAXIMUM DAILY, 3.26 ON MAY 25
MINIMUM DAILY, 0.074E ON DEC 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 39 11 N
LONG 117 49 40 W
DRAINAGE AREA, 20.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	620	JUL	3 830
FEB	575	AUG	1 080
MAR	671	SEP	436
APR	1 060	OCT	374
MAY	3 640	NOV	433
JUN	4 440	DEC	293

TOTAL DISCHARGE, 17 580 dam³

MAHOOD CREEK NEAR NEWTON - STATION NO. 08MH018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.488	0.302	0.324	1.99	---	0.107	0.152	0.069	0.096	3.36	2.26	3.93	1
2	0.394	0.263	0.285	1.31	---	0.117	0.123	0.064	0.047	0.459	0.935	3.58	2
3	0.327	0.237	1.52	0.757	---	0.294	0.113	0.063	0.046	0.216	0.635	1.75	3
4	0.282	0.208	0.557	1.42	---	0.164	0.101	0.059	0.048	0.159	0.469	1.19	4
5	0.249	0.190	0.394	3.11	---	1.07	0.095	0.047	0.045	0.531	0.399	1.06	5
6	0.274	0.174	0.317	0.717	---	0.276	0.093	0.053	0.042	1.66	0.340	0.808	6
7	0.232	0.165	0.389	0.499	---	0.181	0.769	0.060	0.036	0.818	0.291	1.14	7
8	0.212	0.156	0.270	1.74	---	1.10	0.114	0.061	0.039	0.962	0.258	0.651	8
9	0.419	0.144	0.244	0.663	---	0.919	0.099	0.060	0.077	1.15	0.236	1.90	9
10	0.248	0.127	0.217	0.624	---	1.02	0.090	0.061	0.038	0.362	0.255	1.89	10
11	0.205	0.130	0.200	1.72	---	0.396	0.079	0.060	0.035	0.209	1.06	0.797	11
12	0.192	1.13	0.187	2.42	---	0.467	0.075	0.059	0.032	0.157	1.94	0.578	12
13	0.178	1.45	0.172	0.993	---	1.33	0.172	0.053	0.029	0.128	0.874	0.898	13
14	0.169	1.84	0.164	0.580	---	0.456	0.082	0.066	0.032	0.108	1.36	0.873	14
15	0.160	3.05	0.539	0.405	0.225A	0.370	0.076	0.061	0.030	0.103	1.62	1.07	15
16	0.154	3.16	0.336	0.319	0.189	0.318	0.072	0.062	0.035	0.093	1.03	0.599	16
17	0.157	2.72	0.204	0.246	0.182	0.229	0.120	0.061	0.040	0.092	1.90	0.495	17
18	0.564	2.61	0.185	0.214	0.278	2.26	0.965	0.060	0.056	0.086	1.92	1.63	18
19	0.285	2.32	0.163	0.190	0.203	0.897	0.336	0.061	0.040	0.104	1.87	2.50	19
20	0.267	1.51	0.156	0.308	0.159	0.570	0.162	0.251	0.324	0.093	1.20	0.798	20
21	0.812	1.98	0.139	0.898	0.138	0.438	0.122	0.055	0.188	0.091	2.14	0.584	21
22	0.781	0.794	0.300	4.54	0.124	0.418	0.110	0.053	0.197	0.085	3.13	0.473	22
23	0.590	0.585	0.281	1.15	0.116	0.527	0.097	0.051	0.096	0.081	1.79	0.777	23
24	0.343	0.849	0.208	0.738A	0.502	0.259	0.089	0.049	0.287	0.081	1.02	1.74	24
25	1.31	1.21	0.962	---	0.465	0.203	0.076	0.174	0.047	0.078	1.71	0.845	25
26	1.03	0.643	0.261	---	0.187	0.165	0.074	0.041	0.090	0.217	0.802	1.79	26
27	0.585	0.458	0.215	---	0.154	0.156	0.077	0.040	0.401	0.488	0.523	0.865	27
28	0.902	0.374	0.845	---	0.134	0.137	0.076	0.043	0.326	0.734	0.425	0.862	28
29	0.940		2.85	---	0.124	0.247	0.179	0.046	0.066	0.236	0.515	0.704	29
30	0.511		2.91	---	0.134	0.261	0.078	0.046	0.343	1.43	2.85	0.546	30
31	0.370		2.92		0.108		0.075	0.453		7.15		0.473	31
TOTAL	13.630	28.779	18.714	---	---	15.352	4.941	2.442	3.208	21.521	35.757	37.796	TOTAL
MEAN	0.440	1.03	0.604	---	---	0.512	0.159	0.079	0.107	0.694	1.19	1.22	MEAN
MAX	1.31	3.16	2.92	---	---	2.26	0.965	0.453	0.401	7.15	3.13	3.93	MAX
MIN	0.154	0.127	0.139	---	---	0.107	0.072	0.040	0.029	0.078	0.236	0.473	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.15 ON OCT 31
MINIMUM DAILY, 0.029 ON SEP 13
MAXIMUM INSTANTANEOUS,
17.1 AT 18:15 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 22 N
LONG 122 50 31 W
DRAINAGE AREA, 18.4 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 180	JUL	427
FEB	2 490	AUG	211
MAR	1 620	SEP	277
APR	---	OCT	1 860
MAY	---	NOV	3 090
JUN	1 330	DEC	3 270

MAHOOD LAKE NEAR CLEARWATER STATION - STATION NO. 08LA010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.145	1.187	1.151	1.168	1.510E	2.341	1.824	1.345	1.050	0.967	1.016	1.005	1
2	1.144	1.185	1.143	1.178	1.530E	2.314	1.807	1.334	1.063	0.978	1.034	1.000	2
3	1.145A	1.184	1.148	1.191	1.550E	2.281	1.801	1.324	1.062	0.981	1.056	0.990	3
4	1.145E	1.181	1.148	1.195	1.560E	2.257	1.809	1.314	1.076	0.982	1.072	0.983	4
5	1.140E	1.179	1.136	1.203	1.580E	2.239	1.802	1.304	1.083	0.977	1.061	0.983	5
6	1.140E	1.181	1.124	1.203	1.610E	2.219	1.781	1.294	1.085	0.975	1.058	0.984	6
7	1.135E	1.178	1.122	1.202	1.630E	2.187	1.758	1.281	1.078	0.978	1.055	0.988	7
8	1.135E	1.177	1.126	1.207	1.660E	2.143	1.713	1.272	1.073	0.985	1.047	0.992	8
9	1.130E	1.170	1.119	1.204	1.700E	2.093	1.668	1.257	1.071	1.003	1.036	0.982	9
10	1.125E	1.147	1.120	1.202	1.750E	2.057	1.635	1.241	1.062	1.015	1.035	0.984	10
11	1.125E	1.125	1.114	1.210	1.780E	2.028	1.605	1.226	1.062	1.016	1.028	0.987	11
12	1.120E	1.120	1.112	1.211	1.820E	1.990	1.579	1.220	1.054	1.011	1.028	0.982	12
13	1.115A	1.120	1.118	1.201	1.835A	1.958	1.558	1.201	1.041	1.012	1.027	0.972	13
14	1.106	1.116	1.118	1.205	1.858	1.934	1.536	1.187	1.029	1.009	1.025	0.971	14
15	1.102	1.109	1.121	1.208	1.893	1.918	1.521	1.175	1.016	1.004	1.022	0.975	15
16	1.098	1.120	1.124	1.214	1.926	1.913	1.516	1.161	1.012	1.007	1.026	0.970	16
17	1.092	1.160	1.123	1.215	1.953	1.901	1.505	1.151	0.998	1.001	1.024	0.965	17
18	1.084	1.169	1.126	1.217	1.985	1.875	1.491	1.134	0.993	1.000	1.017	0.959	18
19	1.091	1.165	1.128	1.229	2.036	1.859	1.486	1.125	1.003	1.001	1.012	0.969	19
20	1.094	1.160	1.125	1.244	2.089	1.855	1.490	1.110	0.990	0.997	1.012	0.968	20
21	1.095	1.164	1.124	1.263	2.139	1.847	1.492	1.096	0.980	0.992	1.006	0.970	21
22		1.163	1.122	1.280	2.177	1.836	1.478	1.092	0.977	0.986	1.004	0.965	22
23		1.165	1.120	1.304	2.196	1.847	1.471	1.081	0.985	0.985	1.003	0.959	23
24	1.[illegible]	1.170	1.117	1.351	2.218	1.847	1.453	1.075	0.982	0.985	1.005	0.965	24
25	1.148	1.167	1.121	1.384	2.265	1.846	1.433	1.075	0.982	0.986	1.007	0.970	25
26	1.158	1.163	1.120	1.415	2.346	1.858	1.413	1.056	0.976	0.987	1.003	0.965	26
27	1.169	1.162	1.123	1.442	2.390	1.860	1.386	1.046	0.974	0.982	1.004	0.965	27
28	1.174	1.156	1.132	1.458	2.361	1.848	1.375	1.036	0.967	0.990	0.996	0.964	28
29	1.181		1.143	1.475A	2.314	1.833	1.368	1.035	0.967	0.997	0.995	0.958	29
30	1.187		1.151	1.500E	2.291	1.831	1.359	1.034	0.966	1.004	0.998	0.961	30
31	1.189		1.163		2.324		1.353	1.022		1.009		0.943	31
MEAN	1.130	1.159	1.128	1.266	1.944	1.994	1.563	1.171	1.022	0.994	1.024	0.974	MEAN
MAX	1.189	1.187	1.163	1.500	2.390	2.341	1.824	1.345	1.085	1.016	1.072	1.005	MAX
MIN	1.084	1.109	1.112	1.168	1.510	1.831	1.353	1.022	0.966	0.967	0.995	0.943	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.281
MAXIMUM DAILY, 2.390 ON MAY 27
MINIMUM DAILY, 0.943 ON DEC 31
MAXIMUM INSTANTANEOUS,
2.395 AT 11:50 PST ON MAY 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 18 N
LONG 120 14 28 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

MAHOOD RIVER AT OUTLET OF MAHOOD LAKE - STATION NO. 08LA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5	24.2	21.9	23.0	46.2E	141	74.8	34.8	15.3	10.3	13.1	12.4	1
2	21.4	24.1	21.4	23.7	47.7E	137	73.1	34.1	16.1	10.9	14.3	12.1	2
3	21.5A	24.1	21.7	24.5	49.1E	132	72.7	33.4	16.1	11.0	15.7	11.5	3
4	21.5E	23.9	21.7	24.7	49.6E	129	73.8	32.9	17.0	11.1	16.7	11.2	4
5	21.2E	23.7	20.9	25.3	51.0E	126	73.3	32.2	17.5	10.8	16.0	11.2	5
6	21.2E	23.9	20.2	25.3	53.5E	123	71.2	31.7	17.6	10.7	15.8	11.3	6
7	20.9E	23.7	20.0	25.2	55.1E	119	68.9	30.8	16.9	10.9	15.7	11.4	7
8	20.9E	23.6	20.3	25.6	57.6E	114	64.5	30.3	16.8	11.3	15.1	11.7	8
9	20.5E	23.1	19.8	25.3	61.2E	107	60.1	29.2	16.7	12.3	14.4	11.1	9
10	20.2E	21.6	19.9	25.2	65.9E	103	56.9	28.1	16.1	13.0	14.3	11.2	10
11	20.2E	20.2	19.5	25.8	68.5E	99.0	54.1	26.9	16.1	13.1	13.9	11.4	11
12	19.9E	19.9	19.4	25.8	72.5E	94.1	51.7	26.4	15.6	12.8	13.9	11.1	12
13	19.6A	19.9	19.7	25.2	73.7A	90.0	50.0	25.2	14.7	12.9	13.8	10.6	13
14	19.0	19.6	19.7	25.4	76.6	86.8	48.1	24.2	14.0	12.7	13.7	10.5	14
15	18.7	19.2	19.9	25.6	81.0	84.6	46.9	23.5	13.1	12.3	13.5	10.7	15
16	18.4	19.9	20.2	26.0	85.1	83.8	46.7	22.6	12.8	12.5	13.8	10.5	16
17	18.0	22.5	20.1	26.1	88.8	82.3	45.9	21.9	12.0	12.2	13.6	10.2	17
18	17.6	23.1	20.3	26.2	93.2	79.2	44.8	20.8	11.7	12.1	13.2	9.87	18
19	18.0	22.8	20.4	27.1	99.8	77.1	44.5	20.2	12.3	12.2	12.8	10.4	19
20	18.2	22.5	20.2	28.3	107	76.4	45.1	19.2	11.6	11.9	12.8	10.4	20
21	17.7	22.8	20.2	29.6	113	75.3	45.5	18.3	11.0	11.7	12.4	10.4	21
22	17.8	22.7	20.0	30.6	118	73.8	44.4	18.1	10.8	11.3	12.3	10.2	22
23	19.2	22.8	19.9	32.0	121	75.3	44.0	17.8	11.3	11.3	12.3	9.85	23
24	20.7	23.1	19.7	35.3	124	75.5	42.5	17.0	11.1	11.3	12.4	10.2	24
25	21.7	22.9	19.9	37.5	131	75.7	40.8	16.9	11.1	11.4	12.5	10.5	25
26	22.4	22.7	19.9	39.8	142	77.3	39.2	15.7	10.8	11.4	12.3	10.2	26
27	23.1	22.6	20.1	41.8	149	77.7	37.1	15.1	10.7	11.1	12.4	10.2	27
28	23.4	22.2	20.7	42.9	145	76.6	36.4	14.4	10.3	11.6	11.9	10.1	28
29	23.9		21.4	43.9A	138	75.2	36.1	14.4	10.3	12.0	11.9	9.80	29
30	24.2		21.9	45.8E	135	75.3	35.5	14.3	10.3	12.3	12.0	9.97	30
31	24.4		22.7		139		35.2	13.5		12.7		8.96	31
TOTAL	636.9	627.3	633.6	888.5	2 838.1	2 842.0	1 603.8	723.5	407.7	365.1	408.5	331.15	TOTAL
MEAN	20.5	22.4	20.4	29.6	91.6	94.7	51.7	23.3	13.6	11.8	13.6	10.7	MEAN
MAX	24.4	24.2	22.7	45.8	149	141	74.8	34.8	17.6	13.1	16.7	12.4	MAX
MIN	17.6	19.2	19.4	23.0	46.2	73.8	35.2	13.5	10.3	10.3	11.9	8.96	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.7
MAXIMUM DAILY, 149 ON MAY 27
MINIMUM DAILY, 8.96 ON DEC 31
MAXIMUM INSTANTANEOUS,
149 AT 11:50 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 55 55 N
LONG 120 14 29 W
DRAINAGE AREA, 4 710 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	55 000	JUL	139 000
FEB	54 200	AUG	62 500
MAR	54 700	SEP	35 200
APR	76 800	OCT	31 500
MAY	245 000	NOV	35 300
JUN	246 000	DEC	28 600

TOTAL DISCHARGE, 1 060 000 dam³

MANN CREEK NEAR BLACKPOOL - STATION NO. 08LB050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.82E	1.99 B	1.36	2.47	13.8	10.3	5.78	3.93	0.671	1.01	1.75	1.03	1
2	2.61	1.82 B	1.25	2.47	15.3	9.97	5.35	3.24	2.16	1.05	1.89	1.02 B	2
3	2.29	1.70 B	1.18	2.43	13.5	9.57	5.10	2.82	2.02	1.03	1.72	0.997B	3
4	2.06	1.64 B	1.31	2.61	11.8	10.5	3.77	2.61	1.61	1.15	1.56	0.974B	4
5	2.09	1.49 B	1.10	2.43	11.2	9.67	2.96	2.38	1.82	1.08	1.50	0.991B	5
6	2.09	1.33 B	0.691	2.19	10.4	8.59	2.70	2.23	1.50	1.44	1.47	1.03	6
7	1.99	1.19 B	1.13	2.16	9.97	8.30	3.03	2.16	1.31	1.99	1.42	1.01	7
8	1.95	1.10 B	1.10	2.38	10.6	7.54	3.53	1.85	1.10	2.66	1.36	0.985	8
9	1.89	1.02 B	1.13	2.19	11.0	7.25	2.96	1.72	0.985	2.34	1.28	1.01	9
10	1.85	0.991B	1.08	2.02	11.5	7.07	2.70	1.59	0.940	2.12	1.15	1.01	10
11	1.82	1.03 B	1.08	1.89	11.8	7.16	2.47	1.36	0.770	2.02	1.13	0.985	11
12	1.75	1.07 B	1.03	1.85	12.3	6.69	2.23	1.23	0.750	1.72	1.23	0.985	12
13	1.65	1.13 B	1.01	1.75	12.4	5.95	2.16	1.15	0.750	1.47	1.47	1.01	13
14	1.50	1.25 B	1.15	1.72	12.9	5.69	2.06	1.08	0.711	1.39	1.61	1.01	14
15	1.42B	1.35 B	1.20	1.78	14.4	5.44	2.09	1.05	0.691	1.31	1.68	1.01	15
16	1.33B	1.42	1.47	1.85	15.1	5.01	2.61	0.985	0.600	1.25	1.61	0.977B	16
17	1.29B	1.47	1.78	1.92	15.9	5.27	2.43	0.872	0.532	1.23	1.53	0.912B	17
18	1.25B	1.50	1.82	2.19	17.1	6.69	2.89	0.830	0.498	1.18	1.31	0.867B	18
19	1.24B	1.53	1.20	2.66	17.4	6.79	3.03	0.810	0.671	1.15	1.36	0.898B	19
20	1.33B	1.50	1.65	4.33	17.7	8.20	5.61	0.790	0.691	1.10	1.39	0.932B	20
21	1.42	1.50	1.44	5.01	17.4	10.3	4.42	0.731	0.895	1.03	1.42	0.929B	21
22	1.61	1.53	1.82	5.69	16.9	11.4	3.53	0.691	0.917	0.963	1.42	0.920B	22
23	2.19	1.44	1.75	6.41	16.4	11.6	2.96	0.671	0.895	0.917	1.31	0.917B	23
24	2.70	1.47	1.68	7.25	15.9	10.8	4.25	0.651	0.940	0.963	1.23	0.906B	24
25	2.75	1.44	1.75	7.72	15.2	9.57	3.10	0.600	0.872	0.985	0.985	0.886B	25
26	2.70	1.44	1.85	8.30	20.1	8.39	2.57	0.566	0.850	1.10	0.963	0.852B	26
27	2.57	1.39	1.92	7.72	16.3	7.82	2.66	0.532	0.830	1.13	0.872	0.827B	27
28	2.43	1.36	2.02	7.54	15.1	6.80E	2.89	0.532	0.872	1.31	0.895	0.807B	28
29	2.34		2.19	8.30	13.5	5.78	3.24	0.549	0.850	1.89	0.940	0.779B	29
30	2.26		2.52	10.3	10.1	5.35	3.53	0.566	0.872	1.6[illegible]	0.985	0.765B	30
31	2.21B		2.47		10.7		4.50	0.583		1.74		0.753B	31
TOTAL	61.40	39.091	46.131	119.53	433.67	239.46	103.11	41.359	29.573	43.348	40.440	28.984	TOTAL
MEAN	1.98	1.40	1.49	3.98	14.0	7.98	3.33	1.33	0.986	1.40	1.35	0.935	MEAN
MAX	2.82	1.99	2.52	10.3	20.1	11.6	5.78	3.93	2.16	2.66	1.89	1.03	MAX
MIN	1.24	0.991	0.691	1.72	9.97	5.01	2.06	0.532	0.498	0.917	0.872	0.753	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.36
MAXIMUM DAILY, 20.1 ON MAY 26
MINIMUM DAILY, 0.498 ON SEP 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 34 34 W
LONG 120 08 18 W
DRAINAGE AREA, 295 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 300	JUL	8 910
FEB	3 380	AUG	3 570
MAR	3 990	SEP	2 560
APR	10 300	OCT	3 750
MAY	37 500	NOV	3 490
JUN	20 700	DEC	2 500

TOTAL DISCHARGE, 106 000 dam³

MASHITER CREEK NEAR SQUAMISH - STATION NO. 08GA057

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	1.54	---	---	---	---	1
2	---	---	---	---	---	---	---	1.49	---	---	---	---	2
3	---	---	---	---	---	---	---	1.44	---	---	---	---	3
4	---	---	---	---	---	---	---	1.34	---	---	---	---	4
5	---	---	---	---	---	---	---	1.29	---	---	---	---	5
6	---	---	---	---	---	---	---	1.27	---	---	---	---	6
7	---	---	---	---	2.51A	---	---	1.27	---	---	---	---	7
8	---	---	---	---	---	---	---	1.26	---	---	---	---	8
9	---	---	---	---	---	3.60A	---	1.24	---	---	---	---	9
10	---	---	---	---	---	---	---	1.24	---	---	---	---	10
11	---	---	---	---	---	---	---	1.22	---	---	---	---	11
12	---	---	---	---	---	---	---	1.21	---	---	---	---	12
13	---	---	---	---	---	---	---	1.20	---	---	---	---	13
14	---	---	---	---	---	---	---	1.19	---	---	---	---	14
15	---	---	---	---	---	---	---	1.20	---	---	---	---	15
16	1.28A	---	---	---	---	---	---	1.19	---	---	---	---	16
17	---	---	---	---	---	---	---	1.18	---	---	3.65A	---	17
18	---	---	---	---	---	---	---	1.18	---	---	---	---	18
19	---	---	---	---	---	---	---	1.16	---	---	---	---	19
20	---	---	---	---	---	---	---	1.19	---	---	---	---	20
21	---	---	---	---	---	---	---	1.17	---	---	---	---	21
22	---	---	---	---	---	---	---	1.15	3.06A	---	---	---	22
23	---	---	---	---	---	---	---	1.14	---	---	---	---	23
24	---	---	---	---	---	---	---	1.14	---	---	---	---	24
25	---	---	---	---	---	---	---	1.20	---	---	---	---	25
26	---	---	---	---	---	---	---	1.18	---	---	---	---	26
27	---	---	---	2.39A	---	---	---	1.20	---	---	---	---	27
28	---	---	---	---	---	---	---	1.17	---	---	---	---	28
29	---		---	---	---	---	1.60A	1.20	---	---	---	---	29
30	---		---	---	---	---	1.67	1.20	---	---	---	---	30
31	---		---		---		1.61	1.22		---		---	31
TOTAL	---	---	---	---	---	---	---	38.27	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	1.23	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	1.54	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	1.14	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 26 N
LONG 123 06 18 W
DRAINAGE AREA, 38.9 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	3 310
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

MATHER CREEK BELOW NOULE CREEK - STATION NO. 08NG076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.850E	0.345E	0.345E	0.830	4.98	6.63	3.34	1.63	0.776	0.507	0.447	0.385E	1
2	0.770E	0.331E	0.334E	0.790	5.66	6.17	3.20	1.63	0.844	0.807	0.442	0.419E	2
3	0.668E	0.320E	0.348E	0.728	5.01	5 92	2.92	1.68	0.773	0.719	0.442	0.399E	3
4	0.586E	0.294E	0.368E	0.691	4.50	6.03	2.86	1.60	0.739	0.609	0.439	0.388E	4
5	0.566E	0.269E	0.394E	0.697	4.53	5.72	2.89	1.66	0.736	0.575	0.447A	0.413E	5
6	0.583E	0.269E	0.382E	0.663	3.99	5.47	2.92	1.52	0.719	0.592	0.379A	0.428E	6
7	0.600E	0.269E	0.362E	0.620	3.71	5.38	3.06	1.44	0.634	0.648	0.484	0.428E	7
8	0.586E	0.246E	0.368E	0.592	3.85	4.93	2.70	1.40	0.592	0.631	0.469	0.411E	8
9	0.572E	0.229E	0.377E	0.589	3.65	4.70	2.41	1.33	0.589	0.631	0.457	0.394E	9
10	0.555E	0.212E	0.362E	0.580	3.68	4.30	2.27	1.26	0.569	0.648	0.477	0.411E	10
11	0.496E	0.218E	0.360E	0.569	4.50	3.94	2.14	1.16	0.578	0.586	0.450	0.405E	11
12	0.439E	0.227E	0.382E	0.561	4.16	3.71	2.03	1.06	0.541	0.564	0.462	0.340E	12
13	0.413E	0.235E	0.405E	0.541	3.96	4.70	2.14	1.05	0.524	0.541	0.480	0.283E	13
14	0.391E	0.326E	0.430E	0.564	3.85	4.47	2.32	1.04	0.510	0.527	0.507	0.294E	14
15	0.365E	0.320E	0.470E	0.699	4.59	4.33	2.14	1.04	0.487	0.521	0.523	0.306E	15
16	0.345E	0.320E	0.510E	0.858	4.96	4.36	2.04	1.02	0.566	0.501	0.503	0.306E	16
17	0.328E	0.351E	0.555E	0.963	4.56	4.33	1.93	1.04	0.498	0.493	0.491	0.317E	17
18	0.360E	0.385E	0.603E	1.14	4.33	4.13	1.85	0.954	0.476	0.4[illegible]	0.483	0.326E	18
19	0.396E	0.425E	0.595E	1.35	4.56	4.02	1.90	0.906	0.467	0.4[illegible]	0.465	0.343E	19
20	0.436E	0.467E	0.580E	1.60	5.07	3.74	2.13	0.898	0.484	0.4[illegible]	0.465	0.354E	20
21	0.422E	0.447E	0.593E	1.97	5.86	3.60	1.98	0.875	0.484	0.459	0.463	0.368E	21
22	0.419E	0.433E	0.614E	2.20	7.28	3.43	1.89	0.844	0.515	0.439	0.473	0.283E	22
23	0.422E	0.422E	0.614E	2.59	7.87	3.37	1.81	0.807	0.530	0.445	0.437	0.261E	23
24	0.453E	0.413E	0.617E	4.08	8.21	3.17	1.80	0.782	0.515	0.453	0.372	0.297E	24
25	0.453E	0.408E	0.626E	4.42	8.78	3.09	2.21	0.784	0.507	0.442	0.294	0.317E	25
26	0.430E	0.385E	0 629E	3.79	9.49	3.26	2.04	0.762	0.510	0.456	0.358	0.306E	26
27	0.402E	0.365E	0.569A	3.45	8.58	3.62	1.87	0.722	0.564	0.484	0.328E	0.303E	27
28	0.388E	0.351E	0.643	3.48	7.50	3.43	1.87	0.697	0.558	0.493	0.297E	0.289E	28
29	0.391E		0.680	3.57	7.08	3.09	1.76	0.674	0.575	0.51[illegible]	0.306E	0.272E	29
30	0.377E		0.733	3.71	6.99	3.09	1.68	0.745	0.578	0.4[illegible]	0.357E	0.261E	30
31	0.362E		0.833		7.11		1.67	0.813		0.450		0.249E	31
TOTAL	14.824	9.282	15.683	48.885	172.85	130.13	69.77	33.823	17.438	16.647	12.997	10.556	TOTAL
MEAN	0.478	0.332	0.506	1.63	5.58	4.34	2.25	1.09	0.581	0.537	0.433	0.341	MEAN
MAX	0.850	0.467	0.833	4.42	9.49	6.63	3.34	1.68	0.844	0.807	0.523	0.428	MAX
MIN	0.328	0.212	0.334	0.541	3.65	3.09	1.67	0.674	0.467	0.439	0.294	0.249	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 9.49 ON MAY 26
MINIMUM DAILY, 0.212E ON FEB 10
MAXIMUM INSTANTANEOUS,
10.5 AT 00:10 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 30 N
LONG 115 55 30 W
DRAINAGE AREA, 136 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	6 030
FEB	802	AUG	2 920
MAR	1 360	SEP	1 510
APR	4 220	OCT	1 440
MAY	14 900	NOV	1 120
JUN	11 200	DEC	912

TOTAL DISCHARGE, 47 700 dam³

MCCOY CREEK NEAR ALBERNI - STATION NO. 08HB068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.03	0.546	0.046	0.367	0.007	0.002	---	---	---	1
2	---	---	---	1.04	0.736	0.009	0.280	0.007	0.002	---	---	---	2
3	---	---	---	1.01	0.700	0.029	0.062	0.004	0.002	---	---	---	3
4	---	---	---	1.02	0.625	0.020	0.040	0.002	0.002	---	---	---	4
5	---	---	---	1.04	0.590	0.033	0.016	0.002	0.002	---	---	---	5
6	---	---	---	0.859	0.483	0.014	0.013	0.002	0.002	---	---	---	6
7	---	---	---	0.796	0.410	0.014	0.010	0.002	0.002	---	---	---	7
8	---	---	---	0.832	0.363	0.029	0.007	0.002	0.002	---	---	---	8
9	---	---	---	0.694	0.498	0.085	0.002	0.002	0.002	---	---	---	9
10	---	---	---	0.886	0.478	0.108	0.013	0.002	0.002	---	---	---	10
11	---	---	---	1.03	0.308	0.085	0.022	0.002	0.002	---	---	---	11
12	---	---	---	1.30	0.108	0.025	0.004	0.002	0.002	---	---	---	12
13	---	---	---	1.11	0.103	0.016	0.010	0.002	0.002	---	---	---	13
14	---	---	---	0.948	0.101	0.010	0.002	0.002	0.002	---	---	---	14
15	---	---	---	0.742	0.095	0.014	0.003	0.002	0.002	---	---	---	15
16	---	---	0.218	0.733	0.088	0.336	0.002	0.002	0.002	---	---	---	16
17	---	---	---	0.630	0.158	0.261	0.002	0.002	0.002	---	---	---	17
18	---	---	---	0.530	0.246	0.134	0.010	0.002	0.002	---	---	---	18
19	---	---	---	0.448	0.320	0.085	0.010	0.002	0.224	---	---	---	19
20	---	---	---	0.372	0.158	0.082	0.007	0.002	0.173	---	---	---	20
21	---	---	---	0.332	0.134	0.028	0.004	0.002	0.386	---	---	---	21
22	---	---	---	0.367	0.093	0.031	0.004	0.002	0.210	---	---	---	22
23	---	---	---	0.535	0.095	0.029	0.003	0.002	0.137	---	---	---	23
24	---	---	---	0.706	0.152	0.031	0.003	0.002	0.220	---	---	---	24
25	---	---	---	0.619	0.111	0.013	0.002	0.002	0.050	---	---	---	25
26	---	---	---	0.535	0.085	0.002	0.002	0.002	0.020	---	---	---	26
27	---	---	---	0.736	0.498	0.001	0.002	0.002	0.050	---	---	---	27
28	---	---	---	0.683	0.328	0.002	0.004	0.002	0.060	---	---	---	28
29	---		---	0.636	0.257	0.007	0.004	0.002	0.131	---	---	---	29
30	---		---	0.579	0.217	0.002	0.004	0.002	0.186	---	---	---	30
31	---		---		0.054		0.007	0.023		---		---	31
TOTAL	---	---	---	22.778	9.138	1.581	0.921	0.095	1.883	---	---	---	TOTAL
MEAN	---	---	---	0.759	0.295	0.053	0.030	0.003	0.063	---	---	---	MEAN
MAX	---	---	---	1.30	0.736	0.336	0.367	0.023	0.386	---	---	---	MAX
MIN	---	---	---	0.332	0.054	0.001	0.002	0.002	0.002	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 53 N
LONG 124 51 59 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	79.6
FEB	---	AUG	8.21
MAR	---	SEP	163
APR	1 970	OCT	---
MAY	790	NOV	---
JUN	137	DEC	---

MCCOY LAKE NEAR ALBERNI - STATION NO. 08HB070

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.780	2.510	2.600	2.670	2.540	---	---	---	1
2	---	---	---	---	2.800	2.540	2.610	2.670	2.540	---	---	---	2
3	---	---	---	---	2.800	2.570	2.610	2.670	2.560	---	---	---	3
4	---	---	---	---	2.780	2.590	2.620	2.660	2.550	---	---	---	4
5	---	---	---	3.000	2.750	2.600	2.620	2.660	2.560	---	---	---	5
6	---	---	---	2.970	2.700	2.600	2.620	2.650	2.570	---	---	---	6
7	---	---	---	2.900	2.690	2.630	2.620	2.640	2.580	---	---	---	7
8	---	---	---	2.850	2.660	2.650	2.600	2.640	2.570	---	---	---	8
9	---	---	---	2.790	2.630	2.660	2.600	2.640	2.570	---	---	---	9
10	---	---	---	2.900	2.670	2.650	2.610	2.640	2.560	---	---	---	10
11	---	---	---	2.933E	2.650	2.650	2.610	2.630	2.550	---	---	---	11
12	---	---	---	2.967E	2.680	2.640	2.620	2.630	2.560	---	---	---	12
13	---	---	---	3.000	2.650	2.650	2.620	2.620	2.560	---	---	---	13
14	---	---	---	2.900	2.690	2.600	2.630	2.620	2.560	---	---	---	14
15	---	---	---	2.870	2.730	2.600	2.640	2.610	2.550	---	---	---	15
16	---	---	2.732	2.800	2.770	2.550	2.630	2.600	2.550	---	---	---	16
17	---	---	---	2.770	2.740	2.500	2.630	2.600	2.540	---	---	---	17
18	---	---	---	2.730	2.720	2.520	2.640	2.610	2.540	---	---	---	18
19	---	---	---	2.700	2.650	2.520	2.650	2.610	2.530	---	---	---	19
20	---	---	---	2.670	2.600	2.540	2.650	2.600	2.500	---	---	---	20
21	---	---	---	2.700	2.600	2.550	2.640	2.590	2.480	---	---	---	21
22	---	---	---	2.690	2.550	2.570	2.630	2.590	2.500	---	---	---	22
23	---	---	---	2.720	2.590	2.580	2.650	2.570	2.500	---	---	---	23
24	---	---	---	2.750	2.690	2.580	2.650	2.570	2.510	---	---	---	24
25	---	---	---	2.790	2.710	2.600	2.660	2.560	2.530	---	---	---	25
26	---	---	---	2.770	2.680	2.610	2.660	2.560	2.540	---	---	---	26
27	---	---	---	2.730	2.650	2.640	2.670	2.550	2.590	---	---	---	27
28	---	---	---	2.750	2.610	2.640	2.670	2.540	2.630	---	---	---	28
29	---		---	2.790	2.570	2.650	2.670	2.540	2.650	---	---	---	29
30	---		---	2.790	2.560	2.650	2.660	2.530	2.700	---	---	---	30
31	---		---		2.530		2.670	2.535E		---		---	31
MEAN	---	---	---	---	2.674	2.595	2.634	2.607	2.556	---	---	---	MEAN
MAX	---	---	---	---	2.800	2.660	2.670	2.670	2.700	---	---	---	MAX
MIN	---	---	---	---	2.530	2.500	2.600	2.530	2.480	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 54 N
LONG 124 53 03 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MCFAYDEN CREEK NEAR VALLICAN - STATION NO. 08NJ126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.029	0.250	0.339	0.150	0.048E	0.015	---	---	---	1
2	---	---	---	0.047	0.240	0.298	0.138	0.047	0.011E	---	---	---	2
3	---	---	---	0.047	0.213	0.283	0.126	0.042E	0.007	---	---	---	3
4	---	---	---	0.048E	0.195	0.298	0.115	0.039	0.007E	---	---	---	4
5	---	---	---	0.047	0.187	0.289	0.146	0.034E	0.007	---	---	---	5
6	---	---	---	0.040E	0.170	0.339	0.221E	0.029	0.006E	---	---	---	6
7	---	---	---	0.034	0.161	0.279	0.298	0.027E	0.006	---	---	---	7
8	---	---	---	0.039	0.153	0.259	0.236	0.024	0.005E	---	---	---	8
9	---	---	---	0.034	0.153	0.255	0.200	0.023E	0.005	---	---	---	9
10	---	---	---	0.034E	0.153	0.283	0.161	0.022	0.004E	---	---	---	10
11	---	---	---	0.034	0.153	0.250	0.153	0.021E	0.004	---	---	---	11
12	---	---	---	0.031E	0.161	0.240	0.142	0.020	0.003E	---	---	---	12
13	---	---	---	0.029	0.170	0.240	0.157	0.020	0.003	---	---	---	13
14	---	---	---	0.031E	0.236	0.240	0.146	0.015	0.003E	---	---	---	14
15	---	---	---	0.034	0.308	0.236	0.130	0.014E	0.003	---	---	---	15
16	---	---	---	0.040E	0.289	0.236	0.118	0.014	0.003E	---	---	---	16
17	---	---	---	0.044	0.283	0.204	0.108	0.014E	0.003	---	---	---	17
18	---	---	---	0.048E	0.297E	0.224E	0.100	0.014	0.003E	---	---	---	18
19	---	---	---	0.050	0.308	0.240	0.093E	0.015E	0.004	---	---	---	19
20	---	---	---	0.067	0.442	0.240	0.087	0.015	0.005E	---	---	---	20
21	---	---	---	0.073	0.591	0.213	0.083	0.013E	0.005	---	---	---	21
22	---	---	---	0.080	0.579	0.204	0.082E	0.011	0.004E	---	---	---	22
23	---	---	---	0.108	0.530	0.213	0.080	0.010E	0.003	---	---	---	23
24	---	---	---	0.170	0.654	0.195	0.071E	0.009	0.003E	---	---	---	24
25	---	---	---	0.150	0.694	0.178	0.061	0.008E	0.003	---	---	---	25
26	---	---	---	0.130	0.591	0.170	0.059E	0.008	0.003E	---	---	---	26
27	---	---	---	0.115	0.566	0.157	0.058	0.007E	0.003	---	---	---	27
28	---	---	---	0.111	0.483	0.146	0.057E	0.007	0.007E	---	---	---	28
29	---		---	0.115	0.471	0.130	0.052	0.007E	0.010	---	---	---	29
30	---		---	0.150	0.506	0.138	0.051E	0.007	0.008E	---	---	---	30
31	---		---		0.350		0.050	0.011E		---		---	31
TOTAL	---	---	---	2.089	10.537	7.016	3.729	0.595	0.156	---	---	---	TOTAL
MEAN	---	---	---	0.067	0.340	0.234	0.120	0.019	0.005	---	---	---	MEAN
MAX	---	---	---	0.170	0.694	0.339	0.298	0.048	0.015	---	---	---	MAX
MIN	---	---	---	0.029	0.153	0.130	0.050	0.007	0.003	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.694 ON MAY 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 34 14 N
LONG 117 39 22 W
DRAINAGE AREA, 5.70 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	322
FEB	---	AUG	51.4
MAR	---	SEP	13.5
APR	174	OCT	---
MAY	910	NOV	---
JUN	606	DEC	---

MCGREGOR RIVER AT LOWER CANYON - STATION NO. 08KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	340 B	81.5B	53.5B	121 B	415	794	391	262	174	129	148 E	66.0B	1
2	240 B	77.5B	52.0B	130 B	417	697	373	247	248	147	158 E	66.0B	2
3	195 B	74.0B	50.0B	125 B	361	643	395	236	205	125	155 E	67.0B	3
4	162 B	70.5B	49.0B	110 B	348	672	458	231	176	112	176 E	68.0B	4
5	138 B	68.0B	47.5B	83.0B	390	599	402	229	157	106	205 E	69.0B	5
6	128 B	65.5B	46.5B	73.0B	436	528	374	233	152	102	210 E	69.0B	6
7	119 B	63.0B	46.0B	65.5B	403	497	358	239	170	101	158 E	68.0B	7
8	111 B	60.5B	45.5B	60.0B	429	425	311	246	191	107	140 E	67.0B	8
9	104 B	57.0B	44.5B	56.0B	488	392	268	253	214	107	156 E	65.0B	9
10	98.0B	55.0B	44.0B	53.5B	482	382	238	257	218	103	195 E	64.0B	10
11	93.5B	53.0B	43.8B	51.5B	406	386	234	267	194	103	245 E	62.0B	11
12	89.5B	51.0B	43.5B	50.5B	398	406	259	275	172	99.6	280 E	61.0B	12
13	85.0B	51.0B	43.5B	50.0B	448	393	298	260	145	95.9	310 E	60.0B	13
14	83.0B	52.5B	43.8B	50.5B	524	392	318	237	129	93.6	260 E	59.0B	14
15	80.0B	56.0B	43.8B	52.0B	617	399	318	227	121	92.6	200 E	59.0B	15
16	77.0B	61.0B	44.0B	56.0B	680	439	311	227	136	111	165 E	58.0B	16
17	75.0B	65.0B	44.5B	62.5B	629	419	322	220	170	148	147 E	58.0B	17
18	70.5B	69.0B	45.5B	70.0B	620	373	342	214	190	134	129 E	58.0B	18
19	69.8B	71.5B	46.5B	81.0B	663	354	374	206	204	118	120 E	58.0B	19
20	71.0B	73.0B	47.5B	95.0B	742	377	388	219	180	112	112 E	58.0B	20
21	75.0B	73.5B	49.0B	125 B	825	383	364	211	138	104	103 E	57.0B	21
22	78.2B	73.0B	50.5B	175 B	971	363	345	204	120	99.0	99.0E	56.0B	22
23	31.0B	70.0B	53.5B	315	887	360	325	199	111	96.3	96.0E	55.0B	23
24	86.0B	64.0B	57.0B	686	855	389	306	204	106	99.4	90.0E	54.0B	24
25	92.5B	60.0B	62.0B	490	882	386	290	229	102	106	85.0B	53.0B	25
26	93.5B	58.6B	69.0B	312	1 050	382	270	259	97.8	127	78.0B	53.0B	26
27	94.0B	57.5B	75.0B	250	948	369	292	249	93.9	129	74.0B	52.0B	27
28	93.0B	56.2B	85.0B	264	691	350	299	235	91.1	124	71.0B	51.0B	28
29	91.5B		94.0B	302	599	358	295	184	92.8	124	69.0B	50.0B	29
30	89.5B		101 B	303	660	402	298	155	94.5	123 A	67.0B	48.0B	30
31	86.0B		111 B		867		275	141		135 E		46.0B	31
TOTAL	3 389.5	1 788.3	1 731.9	4 718.0	19 131	13 309	10 091	7 055	4 593.1	3 513.4	4 501.0	1 835.0	TOTAL
MEAN	109	63.9	55.9	157	617	444	326	228	153	113	150	59.2	MEAN
MAX	340	81.5	111	686	1 050	794	458	275	248	148	310	69.0	MAX
MIN	69.8	51.0	43.5	50.0	348	350	234	141	91.1	92.6	67.0	46.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 207
MAXIMUM DAILY, 1 050 ON MAY 26
MINIMUM DAILY, 43.5B ON MAR 12
MAXIMUM INSTANTANEOUS,
1 090 AT 17:50 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 56 N
LONG 121 40 00 W
DRAINAGE AREA, 4 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	293 000	JUL	872 000
FEB	155 000	AUG	610 000
MAR	150 000	SEP	397 000
APR	408 000	OCT	304 000
MAY	1 650 000	NOV	389 000
JUN	1 150 000	DEC	159 000

TOTAL DISCHARGE, 6 540 000 dam³

MCKALE RIVER NEAR 940 m CONTOUR - STATION NO. 08KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.40B	2.35B	1.71B	1.55B	7.80B	33.6	23.2	11.3	4.10E	5.00E	6.26	1.98B	1
2	4.30B	2.25B	1.71B	1.54B	6.85	34.3	27.4	10.5	3.90E	4.75E	7.48	1.96B	2
3	4.00B	2.15B	1.70B	1.53B	5.15	32.1	38.8	9.97	3.45E	4.10E	8.10	1.95B	3
4	3.65B	2.05B	1.69B	1.53B	5.19	30.9	30.8	9.42	3.60E	3.80E	6.50	1.92B	4
5	3.45B	2.00B	1.68B	1.53B	6.14	26.6	26.5	9.58	3.35E	3.70E	5.38	1.91B	5
6	3.25B	2.00B	1.68B	1.53B	6.11	24.2	27.2	9.52	4.40E	4.20E	4.87	1.90B	6
7	3.15B	2.00B	1.68B	1.53B	5.66	19.3	18.2	9.39	5.20E	4.80E	4.50	1.90B	7
8	3.05B	1.95B	1.70B	1.53B	6.56	16.9	13.9	9.19	6.40E	4.50E	4.23	1.89B	8
9	2.95B	1.95B	1.70B	1.53B	7.69	15.4	12.4	8.73	7.20E	4.05E	3.98	1.88B	9
10	2.85B	1.90B	1.73B	1.53B	7.23	16.3	13.4	8.52	5.20E	3.55E	3.77	1.87B	10
11	2.80B	1.90B	1.75B	1.54B	7.25	19.4	15.7	8.53	4.40E	3.35E	4.03	1.85B	11
12	2.75B	1.88B	1.76B	1.54B	8.73	16.3	19.5	8.33	3.95E	3.15E	5.45	1.83B	12
13	2.65B	1.86B	1.78B	1.56B	10.6	16.8	22.0	7.09	3.55E	3.50E	4.32	1.82B	13
14	2.60B	1.84B	1.79B	1.58B	11.7	19.4	23.3	6.53	3.90E	3.90E	3.98	1.82B	14
15	2.60B	1.82B	1.78B	1.59B	13.2	19.8	21.4	6.28	4.20E	4.60E	3.82	1.81B	15
16	2.55B	1.81B	1.75B	1.62B	16.2	20.0	21.1	5.93	4.90E	5.60E	3.63	1.85B	16
17	2.55B	1.80B	1.73B	1.67B	18.8	15.9	22.1	5.79	5.70E	4.50E	3.00B	1.87B	17
18	2.55B	1.79B	1.68B	1.72B	20.8	13.7	23.0	5.27	6.30E	3.45E	2.82B	1.91B	18
19	2.55B	1.78B	1.65B	1.78B	24.2	13.7	21.9	5.26	7.20E	3.23A	2.60B	2.08B	19
20	2.55B	1.78B	1.62B	1.86B	29.2	15.5	22.7	4.94	5.70E	2.85	2.49B	2.27B	20
21	2.55B	1.77B	1.60B	1.95B	32.7	14.3	21.9	4.73	4.70E	2.72	2.40B	2.10B	21
22	2.60B	1.75B	1.58B	2.03B	36.7	13.7	18.1	4.53	4.20E	2.81	2.33B	1.98B	22
23	2.60B	1.74B	1.58B	2.35B	36.3	15.1	16.6	4.49	3.90E	2.76	2.24B	1.85B	23
24	2.60B	1.73B	1.60B	3.70B	38.3	16.2	16.0	4.51	3.80E	3.48	2.19B	1.74B	24
25	2.65B	1.72B	1.62B	3.20B	41.8	17.9	13.5	4.80	3.65E	5.28	2.15B	1.68B	25
26	2.60B	1.71B	1.62B	2.85B	58.2	20.7	14.9	4.35	3.60E	4.41	2.10B	1.65B	26
27	2.60B	1.71B	1.62B	2.80B	35.7	19.5	15.7	4.76	3.55E	3.57	2.08B	1.63B	27
28	2.60B	1.71B	1.60B	2.85B	26.6	19.2	16.3	3.89	3.55E	4.24	2.02B	1.61B	28
29	2.55B		1.58B	3.00B	28.1	24.4	15.5	4.66	3.53E	3.81	2.01B	1.60B	29
30	2.50B		1.57B	3.50B	36.3	26.5	13.8	4.21	4.00E	3.34	1.99B	1.59B	30
31	2.40B		1.56B		37.3		12.3	3.53A		5.25		1.60B	31
TOTAL	90.45	52.70	51.80	60.02	633.06	607.6	619.1	208.53	135.08	122.25	112.72	57.30	TOTAL
MEAN	2.92	1.88	1.67	2.00	20.4	20.3	20.0	6.73	4.50	3.94	3.76	1.85	MEAN
MAX	5.40	2.35	1.79	3.70	58.2	34.3	38.8	11.3	7.20	5.60	8.10	2.27	MAX
MIN	2.40	1.71	1.56	1.53	5.15	13.7	12.3	3.53	3.35	2.72	1.99	1.59	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.54
MAXIMUM DAILY, 58.2 ON MAY 26
MINIMUM DAILY, 1.53B ON APR 3
MAXIMUM INSTANTANEOUS,
75.8 AT 02:00 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 26 41 N
LONG 120 13 10 W
DRAINAGE AREA, 252 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 810	JUL	53 500
FEB	4 550	AUG	18 000
MAR	4 480	SEP	11 700
APR	5 190	OCT	10 600
MAY	54 700	NOV	9 740
JUN	52 500	DEC	4 950

TOTAL DISCHARGE, 238 000 dam³

MCKINLEY CREEK BELOW OUTLET OF MCKINLEY LAKE - STATION NO. 08KH020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.59	7.81	3.97	3.95	9.20	19.1	8.12	4.23	2.14	1.91	2.64	2.81	1
2	6.19	7.35	3.91	4.05	10.2	18.7	7.87	4.70	2.26	2.02	3.21	2.65	2
3	5.77	6.99	4.03	4.21	10.9	18.1	7.69	5.04	2.42	2.12	3.30	2.54A	3
4	5.54	6.72	4.04	4.23	11.2	17.7	7.45	5.56	2.64	2.15	3.30	2.49E	4
5	5.80	6.39	3.92	4.14	11.3	17.3	7.23	5.88	2.82	2.23	3.19	2.42E	5
6	5.86	6.08	3.79	4.09	11.3	16.5	6.80	5.78	3.02	2.11	3.10	2.39E	6
7	5.59	5.84	3.65	4.11	11.3	15.7	6.40	5.13	3.01	2.37	3.06	2.36A	7
8	5.38	5.59	3.50	4.14	11.3	14.9	6.15	3.06	2.97	2.82	3.04	2.31	8
9	5.12	5.23	3.42	4.07	11.2	14.2	5.77	2.59	2.89	2.94	2.96	2.23	9
10	4.84	4.59	3.28	4.09	11.3	13.5	5.48	2.83	2.93	2.95	2.91	2.35	10
11	4.62	4.56	3.25	3.87	11.3	13.2	5.26	2.99	2.98	2.86	2.83	2.27	11
12	4.46	4.64	3.24	3.67	11.3	12.3	4.89	3.06	2.55	2.79	2.81	2.06	12
13	4.32	4.88	3.18	3.66	11.3	12.3	4.53	3.10	2.46	2.75	3.10	1.89	13
14	4.15	4.81	3.18	3.55	11.4	11.7	4.39	3.12	2.34	2.70	3.17	1.93	14
15	4.05	4.61	3.18	3.46	11.9	11.2	4.53	3.08	2.16	2.67	3.20	1.98	15
16	3.93	4.57	3.30	3.28	12.2	10.8	4.89	2.97	2.04	2.70	3.23	1.95	16
17	3.80	4.66	3.43	3.39	12.6	10.7	4.87	2.86	1.99	2.77	3.12	1.92A	17
18	3.84	4.68	3.45	3.56	13.2	10.7	4.71	2.79	2.10	2.79	3.21	1.99E	18
19	3.78	4.74	3.43	3.67	13.6	10.6	5.02	2.69	2.46	2.68	3.24	2.10E	19
20	3.68	4.72	3.42	3.91	14.3	10.4	5.43	2.23	2.53	2.60	3.23	2.19E	20
21	3.77	4.87	3.37	4.34	14.8	10.3	5.33	1.85	2.24	2.52	3.21	2.10E	21
22	4.23	4.75	3.36	4.87	15.3	10.1	5.21	1.84	1.93	2.44	3.14	2.09E	22
23	5.58	4.60	3.31	5.24	15.9	10.1	5.12	1.77	1.92	2.36	3.12	2.09E	23
24	7.26	4.51	3.26	5.88	16.3	10.1	4.91	1.66	1.87	2.37	3.05	2.08E	24
25	8.75	4.41	3.33	7.11	17.1	10.1	4.70	1.62	1.82	2.39	2.98	2.06E	25
26	9.39	4.29	3.39	7.83	19.4	9.82	4.53	1.65	1.81	2.82	2.86	2.02E	26
27	9.63	4.21	3.41	8.11	20.5	9.49	4.27E	1.65	1.74	2.50	2.77	1.99E	27
28	9.44	4.07	3.55	8.18	19.9	9.23	4.53	1.70	1.65	2.38	2.78	1.95E	28
29	9.12		3.60	8.42	19.1	8.78	4.88	1.82	1.77	2.45	2.72	1.85E	29
30	8.80		3.74	8.74	18.4	8.41	5.19	2.18	2.00	2.61	2.85	1.75E	30
31	8.36		3.86		18.8		4.60	2.03		2.53		1.70A	31
TOTAL	181.64	145.17	108.75	145.82	427.80	376.53	170.75	93.46	69.46	77.90	91.33	66.51	TOTAL
MEAN	5.86	5.18	3.51	4.86	13.8	12.6	5.51	3.01	2.32	2.51	3.04	2.15	MEAN
MAX	9.63	7.81	4.04	8.74	20.5	19.1	8.12	5.88	3.02	2.95	3.30	2.81	MAX
MIN	3.68	4.07	3.18	3.28	9.20	8.41	4.27	1.62	1.65	1.91	2.64	1.70	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.36
MAXIMUM DAILY, 20.5 ON MAY 27
MINIMUM DAILY, 1.62 ON AUG 25
MAXIMUM INSTANTANEOUS,
20.8 AT 16:40 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 50 N
LONG 121 00 10 W
DRAINAGE AREA, 830 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 700	JUL	14 800
FEB	12 500	AUG	8 070
MAR	9 400	SEP	6 000
APR	12 600	OCT	6 730
MAY	37 000	NOV	7 890
JUN	32 500	DEC	5 750

TOTAL DISCHARGE, 169 000 dam³

MCLENNAN RIVER NEAR THE MOUTH - STATION NO. 08KA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.44	9.34	45.3E	23.4	19.5	13.0 E	---	---	---	1
2	---	---	---	2.27	9.45	51.0E	25.5	16.9	12.0	---	---	---	2
3	---	---	---	2.01	7.22	39.6E	34.5	17.8	8.92E	---	---	---	3
4	---	---	---	2.01	7.22	35.4	43.9E	17.8	7.93E	---	---	---	4
5	---	---	---	2.01	7.02	29.2E	36.8	18.1 E	7.36E	---	---	---	5
6	---	---	---	2.01	6.71	25.5E	34.0	18.4 E	9.06E	---	---	---	6
7	---	---	---	1.93	6.61	20.7E	27.8	18.8 E	10.5 E	---	---	---	7
8	---	---	---	1.93	6.92	18.1E	19.5	19.3 E	13.6 E	---	---	---	8
9	---	---	---	1.93	7.93E	17.7E	16.1	19.7 E	13.6 E	---	---	---	9
10	---	---	---	1.93	9.34	17.4E	15.0	20.1 E	9.91E	---	---	---	10
11	---	---	---	1.85	8.70	17.4E	16.1	20.5 E	8.21E	---	---	---	11
12	---	---	---	1.85	9.34	17.5E	18.6	20.4	7.08E	---	---	---	12
13	---	---	---	1.85	11.0	17.6E	19.5	20.0 E	6.80E	---	---	---	13
14	---	---	---	1.85	12.1	18.3	21.9	19.7 E	6.80E	---	---	---	14
15	---	---	---	1.85	15.3	20.2	22.9	19.3 E	7.93E	---	---	---	15
16	---	---	---	1.85	17.1	21.5E	26.1	19.0 E	9.91E	---	---	---	16
17	---	---	---	1.93	17.8	17.3E	34.5	18.4 E	13.5 E	---	---	---	17
18	---	---	---	2.22	17.8	15.6E	33.4	17.4 E	13.5 E	---	---	---	18
19	---	---	---	3.00	23.6	14.6E	29.4	16.1 E	6.51E	---	---	---	19
20	---	---	---	3.00	23.6	16.3E	29.4	15.3 E	5.24E	---	---	---	20
21	---	---	---	3.00	30.2	14.7E	28.7	14.2 E	4.39E	---	---	---	21
22	---	---	---	3.18	36.8	13.0E	26.6	14.6 E	3.96E	---	---	---	22
23	---	---	---	4.25	42.5 E	13.3E	31.7	15.4 E	3.54E	---	---	---	23
24	---	---	---	7.84	46.7 E	13.9	26.6	16.4 E	3.26E	---	---	---	24
25	---	---	---	7.84	52.4 E	14.6	21.4	17.0 E	2.94E	---	---	---	25
26	---	---	---	6.71	58.0 E	15.3	24.4	14.2 E	2.78E	---	---	---	26
27	---	---	---	6.30	48.1 E	17.8	26.6	12.5 E	2.72E	---	---	---	27
28	---	---	---	4.63	36.8	20.4	26.1	11.6 E	2.89E	---	---	---	28
29	---		---	4.63	27.8	24.4	27.2	12.3 E	3.03E	---	---	---	29
30	---		---	5.69	26.6	26.6	23.4	8.78E	2.63E	---	---	---	30
31	---		2.35		36.8		24.4	10.2 E		---		---	31
TOTAL	---	---	---	95.79	676.80	650.2	815.4	519.68	223.50	---	---	---	TOTAL
MEAN	---	---	---	3.19	21.8	21.7	26.3	16.8	7.45	---	---	---	MEAN
MAX	---	---	---	7.84	58.0	51.0	43.9	20.5	13.6	---	---	---	MAX
MIN	---	---	---	1.85	6.61	13.0	15.0	8.78	2.63	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 58.0E ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 57 40 N
LONG 119 27 29 W
DRAINAGE AREA, 534 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	70 500
FEB	---	AUG	44 900
MAR	---	SEP	19 300
APR	8 280	OCT	---
MAY	58 500	NOV	---
JUN	56 200	DEC	---

MCLEOD RIVER AT OUTLET OF CARP LAKE - STATION NO. 07EE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.57E	7.40E	16.6	5.95E	2.77	1.03	0.650A	---	---	1
2	---	---	---	1.53E	7.90E	16.4	5.75E	2.64	0.958	0.645E	---	---	2
3	---	---	---	1.49E	8.40E	16.0	5.55E	2.64	0.915	0.650E	---	---	3
4	---	---	---	1.46E	8.95E	15.7	5.40E	2.49	0.939	0.655E	---	---	4
5	---	---	---	1.43E	9.40E	15.9	5.25E	2.49	0.935	0.660E	---	---	5
6	---	---	---	1.40E	10.0 E	15.9	5.10E	2.38	0.922	0.660E	---	---	6
7	---	---	---	1.37E	10.7 E	15.4	4.95E	2.35	0.902	0.662E	---	---	7
8	---	---	---	1.36E	11.2 E	14.6	4.80E	2.33	0.931	0.665E	---	---	8
9	---	---	---	1.35E	11.9 E	14.1	4.65E	2.34	0.856	0.668E	---	---	9
10	---	---	2.83E	1.36E	12.5 E	13.7	4.50E	2.20	0.873	0.670E	---	---	10
11	---	---	---	1.37E	13.0 E	13.2	4.40E	2.07	0.861	0.670E	---	---	11
12	---	---	---	1.39E	13.7 E	12.7	4.25E	1.95	0.814	0.670E	---	---	12
13	---	---	---	1.44E	14.2 E	12.4	4.15E	1.75	0.791	0.670E	---	---	13
14	---	---	---	1.50E	14.8 E	12.1	4.05E	1.74	0.774	0.670E	---	---	14
15	---	---	---	1.59E	15.2 E	11.8	4.00E	1.74	0.794	0.670E	---	---	15
16	---	---	---	1.70E	15.6 E	11.4	3.95E	1.68	0.801	0.670E	---	---	16
17	---	---	2.72A	1.90E	15.9 E	10.5 A	3.85E	1.62	0.810	0.670E	---	---	17
18	---	---	---	2.08E	16.3 E	9.52A	3.78E	1.52	0.788	0.670E	---	---	18
19	---	---	---	2.29E	16.6 A	8.90E	3.72E	1.52	0.759	0.670E	---	---	19
20	---	---	---	2.50E	16.7 E	8.50E	3.65E	1.50	0.773	0.672E	---	---	20
21	---	---	---	2.77E	16.8 E	8.10E	3.60E	1.47	0.758	0.675E	---	---	21
22	---	---	---	3.05E	16.8 A	7.85E	3.50E	1.45	0.759	0.675E	---	---	22
23	---	---	---	3.55E	17.0	7.60E	3.40E	1.36	0.727A	0.675E	---	---	23
24	---	---	---	4.10E	16.9	7.35E	3.31A	1.27	0.697A	0.675E	---	---	24
25	---	---	---	4.50E	16.8	7.10E	3.37	1.22	0.665A	0.675E	---	---	25
26	---	---	---	5.05E	16.9	6.85E	3.35	1.15	0.655A	0.672E	---	---	26
27	---	---	---	5.70E	16.9	6.60E	3.26	1.15	0.655A	0.670A	---	---	27
28	---	---	---	6.15E	16.9	6.45E	3.04	1.12	0.645A	0.688E	---	---	28
29	---		---	6.55E	16.9	6.25E	2.95	1.11	0.635A	0.665E	---	---	29
30	---		---	7.00E	16.9	6.05E	3.14	1.06	0.655A	0.663E	---	---	30
31	---		---		16.8		2.88	1.03		0.660E		---	31
TOTAL	---	---	---	80.50	435.95	335.52	127.50	55.11	24.077	20.680	---	---	TOTAL
MEAN	---	---	---	2.68	14.1	11.2	4.11	1.78	0.803	0.667	---	---	MEAN
MAX	---	---	---	7.00	17.0	16.6	5.95	2.77	1.03	0.688	---	---	MAX
MIN	---	---	---	1.35	7.40	6.05	2.88	1.03	0.635	0.645	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 17.0 ON MAY 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 40 N
LONG 123 19 30 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 000
FEB	---	AUG	4 760
MAR	---	SEP	2 080
APR	6 960	OCT	1 790
MAY	37 700	NOV	---
JUN	29 000	DEC	---

MEDICINE CREEK DIVERSION NEAR ASHCROFT - STATION NO. 08LF083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0B	0B	0 B	0.011E	0.372	0.137	0.088	0.035	0.016	0.004	0B	1
2	0.002B	0B	0B	0 B	0.016E	0.365	0.121	0.075	0.033	0.016	0.004	0B	2
3	0.001B	0B	0B	0 B	0.025E	0.326	0.112	0.068	0.032	0.017	0.004	0B	3
4	0 B	0B	0B	0 B	0.035E	0.285	0.105	0.065	0.035	0.016	0.004	0B	4
5	0 B	0B	0B	0 B	0.050E	0.268	0.098	0.062	0.035	0.015	0.004	0B	5
6	0 B	0B	0B	0 B	0.070E	0.247	0.095	0.060	0.032	0.021	0.004	0B	6
7	0 B	0B	0B	0 B	0.104A	0.232	0.110	0.058	0.030	0.035	0.004	0B	7
8	0 B	0B	0B	0 B	0.138	0.221	0.103	0.056	0.028	0.032	0.004	0B	8
9	0 B	0B	0B	0 B	0.180	0.242	0.092	0.052	0.025	0.030	0.003	0B	9
10	0 B	0B	0B	0 B	0.182	0.270	0.112	0.049	0.022	0.029	0.003	0B	10
11	0 B	0B	0B	0 B	0.218	0.336	0.125	0.046	0.020	0.029	0.003	0B	11
12	0 B	0B	0B	0 B	0.258	0.304	0.101	0.043	0.019	0.026	0.003	0B	12
13	0 B	0B	0B	0 B	0.288	0.405	0.098	0.041	0.018	0.026	0.003A	0B	13
14	0 B	0B	0B	0 B	0.310	0.398	0.102	0.039	0.017	0.027	0.003B	0B	14
15	0 B	0B	0B	0 B	0.408	0.341	0.093	0.037	0.016	0.027	0.003B	0B	15
16	0 B	0B	0B	0 B	0.426	0.303	0.086	0.036	0.014	0.027	0.003B	0B	16
17	0 B	0B	0B	0 B	0.414	0.270	0.080	0.034	0.012	0.026	0.003B	0B	17
18	0 B	0B	0B	0 B	0.476	0.262	0.077	0.033	0.011	0.025	0.003B	0B	18
19	0 B	0B	0B	0 B	0.660	0.254	0.076	0.031	0.018	0.024	0.003B	0B	19
20	0 B	0B	0B	0 B	0.621	0.240	0.076	0.038A	0.019	0.021	0.003B	0B	20
21	0 B	0B	0B	0 B	0.717	0.229	0.076	0.036	0.018	0.020	0.002B	0B	21
22	0 B	0B	0B	0 B	0.574	0.221	0.076	0.035	0.018	0.019	0.002B	0B	22
23	0 B	0B	0B	0 B	0.542	0.209	0.072	0.034	0.018	0.018	0.002B	0B	23
24	0 B	0B	0B	0 B	0.588	0.192	0.073	0.032	0.017	0.009	0.002B	0B	24
25	0 B	0B	0B	0.001E	0.786	0.174	0.070	0.031	0.017	0.004	0.002B	0B	25
26	0 B	0B	0B	0.002E	0.634	0.164	0.066	0.030	0.017	0.004	0.001B	0B	26
27	0 B	0B	0B	0.003E	0.533	0.155	0.062	0.028	0.017	0.004	0.001B	0B	27
28	0 B	0B	0B	0.004E	0.465	0.096	0.060	0.027	0.017	0.004	0.001B	0B	28
29	0 B		0B	0.005E	0.438	0.062	0.073	0.032	0.017	0.004	0.001B	0B	29
30	0 B		0B	0.008E	0.437	0.126	0.079	0.036	0.017	0.004	0.001B	0B	30
31	0 B		0B		0.423		0.088	0.034		0.003		0B	31
TOTAL	0.006	0	0	0.023	11.027	7.569	2.794	1.366	0.644	0.578	0.083	0	TOTAL
MEAN	0	0	0	0.001	0.356	0.252	0.090	0.044	0.021	0.019	0.003	0	MEAN
MAX	0.003	0	0	0.008	0.786	0.405	0.137	0.088	0.035	0.035	0.004	0	MAX
MIN	0	0	0	0	0.011	0.062	0.060	0.027	0.011	0.003	0.001	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 0.786 ON MAY 25
MINIMUM DAILY, 0B ON JAN 4
MAXIMUM INSTANTANEOUS,
0.903 AT 14:25 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 121 28 27 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0.52	JUL	241
FEB	0	AUG	118
MAR	0	SEP	55.6
APR	1.99	OCT	49.9
MAY	853	NOV	7.17
JUN	654	DEC	0

TOTAL DISCHARGE, 2 080 dam³

MEDICINE CREEK NEAR THE MOUTH - STATION NO. 08LF082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018B	0.037B	0.022B	0.020B	0.190	0.142	0.061	0.034	0.020	0.013	0.021	0.009B	1
2	0.016B	0.036B	0.023B	0.020B	0.126	0.137	0.049	0.030	0.019	0.015	0.019	0.009B	2
3	0.015B	0.034B	0.024B	0.020B	0.091	0.129	0.042	0.028	0.015	0.017	0.018	0.009B	3
4	0.014B	0.032B	0.024B	0.020B	0.099	0.114	0.037	0.027	0.021	0.017	0.017E	0.009B	4
5	0.014B	0.030B	0.022B	0.020B	0.114	0.109	0.034	0.025	0.019	0.019	0.016E	0.009B	5
6	0.014B	0.028B	0.020B	0.019B	0.158	0.102	0.032	0.024	0.015	0.026	0.015E	0.010B	6
7	0.015B	0.028B	0.018B	0.019B	0.168	0.104	0.041	0.022	0.013	0.033	0.014E	0.010B	7
8	0.016B	0.030B	0.016B	0.019B	0.148	0.103	0.036	0.022	0.009	0.029	0.014	0.010B	8
9	0.017B	0.030B	0.016B	0.019B	0.114	0.125	0.033	0.020	0.009	0.028	0.012	0.010B	9
10	0.018B	0.028B	0.017B	0.019B	0.097	0.175	0.038	0.019	0.009	0.027	0.013	0.010B	10
11	0.020B	0.026B	0.018B	0.018B	0.215	0.252	0.043	0.018	0.008	0.029	0.016	0.011B	11
12	0.022B	0.024B	0.018B	0.018B	0.270	0.213	0.034	0.017	0.008	0.029	0.015	0.012B	12
13	0.024B	0.022B	0.018B	0.019B	0.223	0.302	0.036	0.016	0.011	0.030	0.012	0.012B	13
14	0.023B	0.020B	0.017B	0.020B	0.186	0.437	0.044	0.016	0.010	0.029	0.014	0.012B	14
15	0.024B	0.020B	0.016B	0.022B	0.393	0.405	0.038	0.015	0.010	0.027	0.015	0.011B	15
16	0.025B	0.021B	0.015B	0.023B	0.398	0.379	0.034	0.015	0.008	0.028	0.012	0.011B	16
17	0.026B	0.023B	0.015B	0.025B	0.323	0.352	0.031	0.014	0.003	0.032	0.011B	0.011B	17
18	0.027B	0.024B	0.015B	0.027B	0.283	0.332	0.030	0.014	0.003	0.031	0.011B	0.011B	18
19	0.029B	0.026B	0.014B	0.029B	0.370	0.320	0.039	0.014	0.005	0.032	0.011B	0.012B	19
20	0.030B	0.027B	0.014B	0.031B	0.340	0.309	0.040	0.015	0.011	0.030	0.011B	0.013B	20
21	0.032B	0.028B	0.013B	0.035B	0.390	0.306	0.035	0.013	0.010	0.027	0.011B	0.015B	21
22	0.034B	0.028B	0.013B	0.040B	0.444	0.308	0.034	0.011	0.013	0.028	0.011B	0.016B	22
23	0.037B	0.027B	0.013B	0.048B	0.317	0.283	0.039	0.010	0.019	0.036	0.011B	0.017B	23
24	0.040B	0.026B	0.013B	0.054B	0.234	0.270	0.056	0.009	0.017	0.038	0.011B	0.017B	24
25	0.042B	0.025B	0.013B	0.060B	0.258	0.256	0.044	0.010	0.016	0.036	0.011B	0.016B	25
26	0.044B	0.024B	0.014B	0.070B	0.394	0.236	0.037	0.010	0.015	0.034	0.010B	0.015B	26
27	0.044B	0.023B	0.015B	0.085B	0.226	0.226	0.033	0.012	0.014	0.032	0.010B	0.015B	27
28	0.042B	0.022B	0.016B	0.102	0.166	0.240	0.029	0.013	0.014	0.031	0.010B	0.015B	28
29	0.040B		0.017B	0.116	0.149	0.242	0.030	0.019	0.014	0.029	0.010B	0.015B	29
30	0.039B		0.018B	0.174	0.150	0.075	0.032	0.030	0.016	0.029	0.010B	0.015B	30
31	0.038B		0.019B		0.160		0.035	0.021		0.027		0.015B	31
TOTAL	0.839	0.749	0.526	1.211	7.194	6.983	1.176	0.563	0.374	0.868	0.392	0.382	TOTAL
MEAN	0.027	0.027	0.017	0.040	0.232	0.233	0.038	0.018	0.012	0.028	0.013	0.012	MEAN
MAX	0.044	0.037	0.024	0.174	0.444	0.437	0.061	0.034	0.021	0.038	0.021	0.017	MAX
MIN	0.014	0.020	0.013	0.018	0.091	0.075	0.029	0.009	0.003	0.013	0.010	0.009	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 0.444 ON MAY 22
MINIMUM DAILY, 0.003 ON SEP 17
MAXIMUM INSTANTANEOUS,
0.510 AT 13:00 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 33 N
LONG 121 33 22 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72.5	JUL	102
FEB	64.7	AUG	48.6
MAR	45.4	SEP	32.3
APR	105	OCT	75.0
MAY	622	NOV	33.9
JUN	603	DEC	33.0

TOTAL DISCHARGE, 1 840 dam³

MERCANTILE CREEK NEAR UCLUELET - STATION NO. 08HB064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.28	0.496	0.526	0.169	0.712	2.29	---	---	1
2	---	---	---	---	1.70	1.13	0.425	0.166E	0.365	1.06	---	---	2
3	---	---	---	---	1.70 E	1.49	0.420	0.163	0.250	0.836	---	---	3
4	---	---	---	---	1.69	2.73	0.405	0.160	0.234	0.634	---	---	4
5	---	---	---	---	1.18	3.76	0.395	0.157	0.187	1.76 E	---	---	5
6	---	---	---	---	1.00	1.36	0.375	0.151	0.181	2.88	---	---	6
7	---	---	---	---	1.06	1.05	0.365	0.142	0.151	3.84	---	---	7
8	---	---	---	---	0.988	0.724	0.355	0.136	0.148	2.58 E	---	---	8
9	---	---	---	---	0.889E	1.05	0.395	0.136	1.03	1.32	---	---	9
10	---	---	---	---	0.790	1.83	0.385E	0.133	0.226	1.03	---	---	10
11	---	---	---	---	0.766	0.892	0.375	0.124	0.187	0.836	---	---	11
12	---	---	---	---	0.712	0.706	0.335	0.127	0.148	0.652	---	---	12
13	---	---	---	---	0.664	0.622	0.298	0.130	0.130	0.580	---	---	13
14	---	---	---	---	0.652E	0.976E	0.294	0.127	0.124	0.532	---	---	14
15	---	---	---	---	0.640	1.33	0.278	0.124	0.121	0.478	---	---	15
16	---	---	---	---	0.574	1.02	0.266	0.121	0.118	0.450	---	---	16
17	---	---	---	---	0.742	1.91	0.254	0.121	2.39 E	0.430	---	---	17
18	---	---	---	---	0.789E	4.80	0.270	0.120E	4.66	0.380	---	---	18
19	---	---	---	---	0.836	1.68	0.254	0.120E	0.748	0.375	---	---	19
20	---	---	---	---	0.700	1.41	0.246	0.119E	0.532	0.355	---	---	20
21	---	---	---	---	0.592	1.75	0.230	0.118	6.60	0.345	---	---	21
22	---	---	---	---	0.544	5.25	0.218	0.109	1.18	0.330	---	---	22
23	---	---	---	---	3.08	1.53	0.208E	0.106	1.10 E	0.306	---	---	23
24	---	---	---	---	2.00	0.988	0.198	0.109	1.02	0.298	---	---	24
25	---	---	---	---	1.08	0.790	0.190	0.106	0.472	0.355	---	---	25
26	---	---	---	---	1.05	0.688	0.186E	0.109	0.385	0.400	---	---	26
27	---	---	---	5.43	0.784	0.634	0.181	0.121	1.02	6.31	---	---	27
28	---	---	---	4.39E	0.664	0.646	0.184	0.142	0.652	4.14	---	---	28
29	---		---	3.35E	0.616	0.688	0.171E	0.150E	2.60	1.44	---	---	29
30	---		---	2.31E	0.592	0.646	0.166	0.157	2.44 E	13.7 E	---	---	30
31	---		---		0.544E		0.160	5.20		12.1 E		---	31
TOTAL	---	---	---	---	30.898	44.576	9.008	9.173	30.111	63.022	---	---	TOTAL
MEAN	---	---	---	---	0.997	1.49	0.291	0.296	1.00	2.03	---	---	MEAN
MAX	---	---	---	---	3.08	5.25	0.526	5.20	6.60	13.7	---	---	MAX
MIN	---	---	---	---	0.544	0.496	0.160	0.106	0.118	0.298	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 57 30 N
LONG 125 31 24 W
DRAINAGE AREA, 10.4 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	778
FEB	---	AUG	793
MAR	---	SEP	2 600
APR	---	OCT	5 450
MAY	2 670	NOV	---
JUN	3 850	DEC	---

MESILINKA RIVER ABOVE GOPHERHOLE CREEK - STATION NO. 07EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5B	10.0 B	7.95B	8.20B	15.3E	314	132	63.1	38.0	27.1	21.6	15.5B	1
2	14.9B	9.95B	7.95B	8.20B	15.9E	296	131	59.9	37.3	29.1	19.9	15.4B	2
3	14.3B	9.90B	7.95B	8.20B	16.4E	270	144	55.9	35.4	28.0	20.1	15.3B	3
4	13.9B	9.80B	7.90B	8.25B	16.6E	252	152	53.4	32.6	26.6	20.8	15.4B	4
5	13.6B	9.65B	7.75B	8.30B	16.8E	229	135	51.3	30.1	25.4	20.2	15.5B	5
6	13.4B	9.55B	7.70B	8.35B	17.2E	211	117	49.9	28.6	24.4	20.3	15.5B	6
7	13.2B	9.35B	7.65B	8.40B	18.2E	198	104	49.1	27.6	24.3	19.0	15.3B	7
8	13.0B	9.15B	7.60B	8.35B	21.5E	179	94.6	47.4	27.9	24.5	18.4	15.1B	8
9	12.9B	8.90B	7.60B	8.35B	25.0E	163	87.3	46.3	29.1	24.4	17.9	14.9B	9
10	12.8B	8.55B	7.65B	8.30B	27.5E	156	82.2	45.7	29.7	24.1	18.1	14.7B	10
11	12.7B	8.40B	7.70B	8.10B	33.0E	151	83.2	44.0	31.2	23.6	18.8	14.5B	11
12	12.5B	8.35B	7.80B	7.90B	36.5E	157	95.5	41.7	31.8	22.7	20.8	14.3B	12
13	12.3B	8.30B	8.00B	7.80B	40.3E	162	111	39.4	30.3	22.3	21.8	14.0B	13
14	12.1B	8.20B	8.10B	7.80B	46.0E	164	131	37.1	28.0	22.6	20.2	13.9B	14
15	11.9B	8.10B	8.30B	7.80B	52.0E	168	131	35.0	26.5	24.5	20.3	13.9B	15
16	11.7B	8.05B	8.35B	7.90B	59.0E	169	122	33.6	25.9	28.7	20.1	13.8B	16
17	11.6B	8.02B	8.40B	8.00B	70.0E	161	118	32.9	25.3	34.6	19.2	13.7B	17
18	11.5B	8.00B	8.40B	8.10B	88.0E	143	118	32.0	24.9	35.6	18.2	13.6B	18
19	11.3B	8.00B	8.40B	8.30B	105 E	134	116	30.9	25.6	35.1	17.7	13.5B	19
20	11.2B	7.95B	8.40B	8.50B	122 E	132	118	30.2	26.5	33.5	17.0	13.4B	20
21	11.1B	7.95B	8.40B	8.75B	155 E	134	115	30.0	26.3	31.1	17.9	13.4B	21
22	11.0B	7.95B	8.40B	9.00B	195 E	133	105	28.8	25.8	29.8	17.7	13.3B	22
23	10.8B	7.95B	8.40B	9.50B	230 E	136	97.6	28.6	25.6	28.9	17.1	13.3B	23
24	10.7B	7.95B	8.35B	10.0 E	260 E	141	91.1	30.5	25.2	27.6	16.1	13.2B	24
25	10.6B	7.95B	8.30B	10.9 E	298 E	142	85.7	36.3	24.6	27.3	16.2B	13.1B	25
26	10.6B	7.95B	8.25B	12.0 E	361 A	140	83.1	44.2	23.6	27.1	16.1B	13.0B	26
27	10.5B	7.95B	8.20B	12.8 E	395	130	81.8	46.6	22.8	26.8	16.2B	12.9B	27
28	10.4B	7.95B	8.20B	13.6 E	400	123	79.7	44.0	22.5	26.5	16.2B	12.8B	28
29	10.3B		8.20B	14.3 E	324	123	75.5	44.6	22.3	25.1	15.9B	12.5B	29
30	10.2B		8.20B	14.9 E	293	129	70.1	42.3	22.4	23.4	15.7B	12.2B	30
31	10.1B		8.15B		307		65.5	38.9		23.2		11.7B	31
TOTAL	372.6	239.77	250.60	278.85	4 060.2	5 140	3 272.9	1 293.6	833.4	837.9	556.5	432.6	TOTAL
MEAN	12.0	8.56	8.08	9.30	131	171	106	41.7	27.8	27.0	18.6	14.0	MEAN
MAX	15.5	10.0	8.40	14.9	400	314	152	63.1	38.0	35.6	21.8	15.5	MAX
MIN	10.1	7.95	7.60	7.80	15.3	123	65.5	28.6	22.3	22.3	15.7	11.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.1
MAXIMUM DAILY, 400 ON MAY 28
MINIMUM DAILY, 7.60B ON MAR 8
MAXIMUM INSTANTANEOUS,
421 AT 03:10 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 38 N
LONG 124 38 36 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 200	JUL	283 000
FEB	20 700	AUG	112 000
MAR	21 700	SEP	72 000
APR	24 100	OCT	72 400
MAY	351 000	NOV	48 100
JUN	444 000	DEC	37 400

TOTAL DISCHARGE, 1 520 000 dam³

MICHEL CREEK BELOW NATAL - STATION NO. 08NK020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.64	3.34	2.29	4.67	66.5	67.1	36.0	7.71	3.79	3.79	2.80	1.98B	1
2	5.18	3.26B	2.57	4.50	53.5	57.2	28.3	7.46	3.79	6.49	2.73	2.07B	2
3	4.96B	3.11B	2.63	4.42	40.1	59.7E	25.5	7.21	3.72	4.64	2.67	2.01B	3
4	4.81B	2.69B	2.91	4.34	32.9	62.0	25.5	6.84	3.79	4.22	2.54	2.10B	4
5	4.81B	2.38B	2.63	4.34	29.0	58.6	25.5	6.71	3.72	3.72	2.60	2.24B	5
6	4.93B	2.15B	2.50	4.34	26.3	53.0	23.4	6.49	3.65	3.72	2.73	2.41	6
7	5.15B	2.07B	2.36	4.26	23.9	42.9	21.7	6.16	3.65	3.65	2.73	2.35	7
8	5.38B	1.98B	2.36	4.11	26.3	40.7	18.3	5.94	3.50	3.43	2.67	2.35	8
9	5.83	1.94B	2.29	3.79	23.9	39.4	17.7	5.51	3.35	3.28	2.60	2.35	9
10	5.83	1.70B	2.63	3.79	23.7	37.0	16.2	5.32	3.21	3.21	2.47	2.41	10
11	5.64	1.61B	2.84	3.71	23.9	31.1	15.6	5.13	3.13	3.13	2.41	2.41	11
12	5.24B	1.64B	2.97	3.71	23.5	30.9	15.3	4.93	3.06	3.06	2.54	2.29	12
13	4.76B	1.78B	3.34	3.56	22.7	34.3	15.8	4.93	3.06	3.06	2.47	1.84	13
14	4.42B	2.07B	3.64	4.50	26.3	28.3	14.3	5.03	3.06	2.99	2.47	1.64B	14
15	3.99B	2.38B	3.79	4.93	41.9	41.1	12.9	5.51	2.99	2.99	2.47	1.50B	15
16	3.57B	2.72B	4.42	5.35	40.5	48.7	11.7	5.03	2.99	2.99	2.60	1.47B	16
17	3.26B	3.03B	4.42	5.45	35.7	49.6	11.2	5.32	2.99	3.06	2.73	1.42B	17
18	3.23B	3.40B	4.11	6.22	34.5	39.4	10.9	4.74	2.99	3.06	2.54	1.38B	18
19	3.28B	3.71	4.50	7.39	51.0	37.7	10.9	4.64	2.99	2.99	2.47	1.47B	19
20	3.40B	3.71	4.34	9.30	64.6	37.7	10.9	4.56	2.99	2.99	2.47	1.59B	20
21	3.37B	3.34	4.11	16.6	74.8	37.7	10.4	4.56	3.06	2.93	2.47	1.64B	21
22	3.48B	3.19	3.95	14.8	79.6	34.3	11.7	4.56	3.06	2.80	2.47	1.59B	22
23	3.68B	3.27	3.71	19.2	83.3	34.3	10.1	4.39	2.99	2.73	2.41	1.53B	23
24	3.71B	2.97	3.71	26.3	87.8	34.0	10.3	4.28E	2.99	2.73	2.41	1.53B	24
25	3.65B	2.91	3.71	33.6	102	31.1	10.1	4.16E	3.21	2.73	2.32B	1.53B	25
26	3.62B	2.63	3.95	22.7	104	31.1	9.96	4.05E	3.43	2.73	2.27B	1.53B	26
27	3.62B	2.50	4.11	26.3	85.8	33.6	9.96	3.96	3.50	2.80	2.18B	1.53B	27
28	3.64	2.29	4.34	28.8	83.0	37.3	9.34	3.79	3.65	2.93	2.07B	1.48B	28
29	3.56		4.50	26.1	79.0	34.3	8.79	3.65	3.50	2.99	2.01B	1.44B	29
30	3.64		4.59	26.3	77.3	34.3	7.96	3.72	3.43	2.80	1.95B	1.39B	30
31	3.56		4.93		74.8		7.83	3.65		2.80		1.39B	31
TOTAL	132.84	73.67	109.15	337.38	1 642.1	1 238.4	474.04	159.94	99.24	101.44	74.27	55.86	TOTAL
MEAN	4.29	2.63	3.52	11.2	53.0	41.3	15.3	5.16	3.31	3.27	2.48	1.80	MEAN
MAX	5.83	3.71	4.93	33.6	104	67.1	36.0	7.71	3.79	6.49	2.80	2.41	MAX
MIN	3.23	1.61	2.29	3.56	22.7	28.3	7.83	3.65	2.99	2.73	1.95	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 104 ON MAY 26
MINIMUM DAILY, 1.38B ON DEC 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 43 49 N
LONG 114 51 24 W
DRAINAGE AREA, 637 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 500	JUL	41 000
FEB	6 370	AUG	13 800
MAR	9 430	SEP	8 570
APR	29 100	OCT	8 760
MAY	142 000	NOV	6 420
JUN	107 000	DEC	4 830

TOTAL DISCHARGE, 389 000 dam³

MILLAR CREEK NEAR OUTLET OF ALPHA LAKE - STATION NO. 08GA067

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.883	2.87	2.45	2.60	0.595	0.883	---	---	---	1
2	---	---	---	0.816	2.09	2.39	2.25	0.531	0.595	---	---	---	2
3	---	---	---	0.748	1.20	2.45	2.77	0.544	0.360	---	---	---	3
4	---	---	---	0.680	1.45	2.21	2.87	0.480	0.321	---	---	---	4
5	---	---	---	1.09	1.31	2.29	2.73	0.447	0.297	---	2.17	---	5
6	---	---	---	1.04	1.18	2.19	2.15	0.428	0.277	---	---	---	6
7	---	---	---	0.867	1.31	2.09	1.66	0.437	0.253	---	---	---	7
8	---	---	---	0.867	1.23	1.76	1.45	0.467	0.418	---	---	---	8
9	---	---	---	0.782	1.33	1.83	1.38	0.480	0.289	---	---	---	9
10	---	---	---	0.714	1.31	1.95	1.85	0.467	0.259	---	---	---	10
11	---	---	---	0.748	1.55	1.74	1.60	0.457	0.241	---	---	---	11
12	---	---	---	0.629	1.56	1.53	1.78	0.447	0.224	---	---	---	12
13	---	---	---	0.556	1.76	1.58	1.56	0.408	0.204	---	---	---	13
14	---	---	---	0.531	1.85	1.51	1.60	0.368	0.194	---	---	---	14
15	---	---	---	0.582	2.05	1.64	1.85	0.398	0.189	---	---	---	15
16	---	---	---	0.968	1.78	1.72	1.66	0.418	0.178	---	---	---	16
17	---	---	---	1.02	1.66	1.60	1.56	0.368	0.178	---	---	---	17
18	---	---	---	1.02	1.45	1.85	1.47	0.305	0.178	---	---	---	18
19	---	---	---	1.07	2.25	2.31	1.47	0.305	0.224	---	---	---	19
20	---	---	---	1.29	2.47	2.39	1.56	0.265	0.408	---	---	---	20
21	---	---	---	1.16	2.81	1.99	1.38	0.253	0.765	---	---	---	21
22	---	---	---	1.85	2.39	2.09	1.36	0.229	1.02	---	---	---	22
23	---	---	---	4.56	2.96	2.05	1.27	0.229	0.900	---	---	---	23
24	---	---	---	5.10	3.31	2.01	1.36	0.219	0.917	---	---	---	24
25	---	---	---	2.92	4.99	2.05	1.36	0.265	0.697	---	---	---	25
26	---	---	---	2.05	3.15	2.09	1.16	0.271	0.731	---	---	---	26
27	---	---	---	1.74	2.37	2.29	1.38	0.229	1.10	---	---	---	27
28	---	---	---	1.83	2.15	2.15	1.20	0.215	2.01	---	---	---	28
29	---		---	1.95	2.39	2.43	1.16	0.204	1.55	---	---	---	29
30	---		---	4.45	3.93	3.25	1.10	0.209	1.10	---	---	---	30
31	---		---		3.02		0.697	0.224		---		---	31
TOTAL	---	---	---	44.511	67.13	61.88	51.247	11.162	16.960	---	---	---	TOTAL
MEAN	---	---	---	1.48	2.17	2.06	1.65	0.360	0.565	---	---	---	MEAN
MAX	---	---	---	5.10	4.99	3.25	2.87	0.595	2.01	---	---	---	MAX
MIN	---	---	---	0.531	1.18	1.51	0.697	0.204	0.178	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 43 N
LONG 123 02 32 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 430
FEB	---	AUG	964
MAR	---	SEP	1 470
APR	3 850	OCT	---
MAY	5 800	NOV	---
JUN	5 350	DEC	---

MILLER CREEK AT HIGHWAY NO. 93 - STATION NO. 08NG082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.054	0.261	0.249E	0.088	0.030	0.002	0.001	0	1
2	0	0	0	0	0.057	0.212	0.241E	0.088	0.024	0.002	0.001	0	2
3	0	0	0	0	0.062	0.212	0.232E	0.091	0.025	0.002	0.001	0	3
4	0	0	0	0	0.052	0.199	0.224E	0.085	0.027	0.002	0.001	0	4
5	0	0	0	0	0.044	0.186	0.218E	0.080	0.027	0.003	0.002	0	5
6	0	0	0	0	0.040	0.194	0.240	0.070	0.024	0.002	0.002	0	6
7	0	0	0	0	0.040	0.194	0.250	0.070	0.021	0.002	0.002	0	7
8	0	0	0	0	0.040	0.190	0.240	0.065	0.024	0.003	0.002	0	8
9	0	0	0	0	0.036	0.212	0.190	0.059	0.014	0.003	0.002	0	9
10	0	0	0	0	0.042	0.226	0.166	0.059	0.016	0.003	0.002	0	10
11	0	0	0	0	0.048	0.226	0.154	0.046	0.007	0.003	0.002	0	11
12	0	0	0	0	0.046	0.226	0.154	0.040	0.003	0.003	0.002	0	12
13	0	0	0	0	0.046	0.255	0.147	0.036	0.004	0.004	0.002	0	13
14	0	0	0	0	0.050	0.235	0.147	0.033	0.004	0.008	0.001	0	14
15	0	0	0	0	0.094	0.245	0.162	0.033	0.004	0.008	0.001	0	15
16	0	0	0	0	0.104	0.266	0.150	0.030	0.003	0.007	0.001	0	16
17	0	0	0	0	0.097	0.304	0.150	0.030	0.002	0.007	0.002	0	17
18	0	0	0	0	0.085	0.286	0.143	0.027	0.003	0.007	0.001	0	18
19	0	0	0	0	0.085	0.311E	0.136	0.027	0.003	0.004	0.001	0	19
20	0	0	0	0.003	0.119	0.345	0.143	0.025	0.003	0.004	0.001	0	20
21	0	0	0	0.003	0.107	0.360	0.136	0.028	0.003	0.003	0.001	0	21
22	0	0	0	0.005	0.133	0.382	0.133	0.024	0.003	0.005	0.001	0	22
23	0	0	0	0.007	0.150	0.345	0.130	0.019	0.002	0.003	0.002	0	23
24	0	0	0	0.036	0.154	0.345	0.126	0.015	0.003	0.003	0.002	0	24
25	0	0	0	0.033	0.199	0.328	0.113	0.016	0.003	0.002	0.002	0	25
26	0	0	0	0.033	0.345	0.317	0.107	0.014	0.003	0.002	0	0	26
27	0	0	0	0.030	0.316	0.297E	0.097	0.016	0.002	0.002	0	0	27
28	0	0	0	0.030	0.322	0.280E	0.097	0.016	0.002	0.001	0	0	28
29	0		0	0.032	0.328	0.269E	0.101	0.015	0.002	0.001	0	0	29
30	0		0	0.036	0.298	0.258E	0.097	0.016	0.003	0.001	0	0	30
31	0		0		0.304		0.101	0.016		0.001		0	31
TOTAL	0	0	0	0.248	3.897	7.966	4.974	1.277	0.294	0.103	0.038	0	TOTAL
MEAN	0	0	0	0.008	0.126	0.266	0.160	0.041	0.010	0.003	0.001	0	MEAN
MAX	0	0	0	0.036	0.345	0.382	0.250	0.091	0.030	0.008	0.002	0	MAX
MIN	0	0	0	0	0.036	0.186	0.097	0.014	0.002	0.001	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.051
MAXIMUM DAILY, 0.382 ON JUN 22
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 10 N
LONG 115 03 47 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	430
FEB	0	AUG	110
MAR	0	SEP	25.4
APR	21.4	OCT	8.90
MAY	337	NOV	3.28
JUN	688	DEC	0

TOTAL DISCHARGE, 1 620 dam³

MILLER CREEK NEAR 1160 m CONTOUR - STATION NO. 08NG083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.034	0.021	0.016	0.021	0.105	0.258	0.261	0.122	0.079	0.042	0.032	0.024	1
2	0.031	0.021	0.017	0.020	0.110	0.235	0.241	0.116	0.071	0.040	0.033	0.024	2
3	0.028	0.021	0.017	0.021	0.102	0.244	0.232	0.113	0.065	0.040	0.032	0.023	3
4	0.031	0.020	0.017	0.019	0.099	0.244	0.224	0.110	0.065	0.040	0.032	0.023	4
5	0.031	0.021	0.017	0.020	0.088	0.232	0.218	0.105	0.059	0.042	0.032	0.023	5
6	0.031	0.022	0.016	0.020	0.085	0.249	0.221	0.102	0.059	0.042	0.031	0.023	6
7	0.028	0.020	0.015	0.020	0.079	0.244	0.258	0.096	0.059	0.042	0.031	0.022	7
8	0.028	0.020	0.016	0.021	0.079	0.235	0.235	0.096	0.059	0.042	0.030	0.022	8
9	0.028	0.020	0.015	0.019	0.079	0.235	0.221	0.096	0.057	0.040	0.030	0.022	9
10	0.027	0.020	0.016	0.018	0.079	0.235	0.207	0.093	0.057	0.040	0.029	0.024	10
11	0.027	0.019	0.016	0.018	0.082	0.235	0.204	0.093	0.054	0.040	0.029	0.022	11
12	0.026	0.018	0.016	0.016	0.085	0.241	0.193	0.093	0.054	0.037	0.029	0.018	12
13	0.027	0.017	0.018	0.016	0.082	0.272	0.193	0.091	0.054	0.037	0.029	0.017	13
14	0.025	0.017	0.019	0.016	0.088	0.283	0.198	0.091	0.054	0.037	0.030	0.020	14
15	0.025	0.017	0.020	0.019	0.130	0.294	0.184	0.088	0.051	0.034	0.028	0.021	15
16	0.025	0.019	0.023	0.022	0.133	0.306	0.178	0.088	0.048	0.034	0.027	0.020	16
17	0.024	0.019	0.025	0.022	0.127	0.314	0.170	0.085	0.048	0.034	0.028	0.020	17
18	0.023	0.018	0.024	0.026	0.127	0.297	0.170	0.085	0.048	0.034	0.029	0.020	18
19	0.022	0.020	0.022	0.031	0.142	0.303	0.164	0.082	0.051	0.031	0.028	0.020	19
20	0.023	0.019	0.023	0.034	0.156	0.331	0.167	0.079	0.048	0.031	0.027	0.018	20
21	0.023	0.018	0.022	0.040	0.170	0.343	0.161	0.076	0.048	0.034	0.027	0.019	21
22	0.023	0.018	0.022	0.040	0.193	0.328	0.153	0.079	0.051	0.034	0.027	0.019	22
23	0.023	0.018	0.021	0.045	0.207	0.309	0.144	0.074	0.048	0.031	0.027	0.019	23
24	0.025	0.019	0.021	0.082	0.258	0.286	0.136	0.071	0.045	0.031	0.026	0.018	24
25	0.023	0.019	0.021	0.079	0.289	0.280	0.136	0.071	0.045	0.031	0.021	0.019	25
26	0.022	0.017	0.021	0.078	0.340	0.283	0.133	0.071	0.042	0.034	0.023	0.019	26
27	0.022	0.017	0.021	0.076	0.326	0.294	0.136	0.071	0.042	0.034	0.021	0.019	27
28	0.023	0.018	0.020	0.071	0.306	0.283	0.133	0.071	0.045	0.034	0.023	0.018	28
29	0.022		0.021	0.062	0.292	0.269	0.127	0.068	0.042	0.034	0.023	0.018	29
30	0.021		0.021	0.074	0.289	0.261	0.125	0.068	0.045	0.034	0.026	0.018	30
31	0.021		0.021		0.283		0.122	0.065		0.033		0.017	31
TOTAL	0.792	0.533	0.600	1.067	5.010	8.223	5.645	2.709	1.593	1.123	0.840	0.629	TOTAL
MEAN	0.026	0.019	0.019	0.036	0.162	0.274	0.182	0.087	0.053	0.036	0.028	0.020	MEAN
MAX	0.034	0.022	0.025	0.082	0.340	0.343	0.261	0.122	0.079	0.042	0.033	0.024	MAX
MIN	0.021	0.017	0.015	0.016	0.079	0.232	0.122	0.065	0.042	0.031	0.021	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.079
MAXIMUM DAILY, 0.343 ON JUN 21
MINIMUM DAILY, 0.015 ON MAR 7
MAXIMUM INSTANTANEOUS,
0.363 AT 21:00 MST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 24 N
LONG 115 02 40 W
DRAINAGE AREA, 6.99 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68.4	JUL	488
FEB	46.1	AUG	234
MAR	51.8	SEP	138
APR	92.2	OCT	97.0
MAY	433	NOV	72.6
JUN	710	DEC	54.3

TOTAL DISCHARGE, 2 490 dam³

MISSEISULA LAKE NEAR PRINCETON - STATION NO. 08NL046

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.769A	1.801E	1.900	1.968	2.042	2.282	2.271	2.248	2.157	2.143	2.161	2.157	1
2	1.773A	1.801A	1.904	1.969	2.048	2.277	2.267	2.240	2.158	2.149	2.160	2.162	2
3	1.774A	1.801A	1.907	1.975	2.051	2.269	2.264	2.240	2.157	2.149	2.162	2.162	3
4	1.774A	1.801A	1.911	1.979	2.064	2.262	2.258	2.237	2.158	2.149	2.163	2.159	4
5	1.774A	1.801A	1.913	1.983	2.069	2.260	2.254	2.234	2.158	2.147	2.164	2.163	5
6	1.775A	1.801A	1.915	1.985	2.073	2.255	2.249	2.233	2.157	2.152	2.161	2.170	6
7	1.777A	1.803E	1.916	1.985	2.078	2.247	2.255	2.226	2.158	2.159	2.161	2.168	7
8	1.777A	1.805E	1.918	1.985	2.083	2.246	2.251	2.222	2.157	2.159	2.158	2.168	8
9	1.778A	1.807A	1.918	1.988	2.089	2.257	2.251	2.218	2.158	2.160	2.157	2.171	9
10	1.778E	1.818A	1.920	1.983	2.091	2.261	2.257	2.213	2.154	2.159	2.158	2.174	10
11	1.778E	1.825A	1.920	1.980	2.098	2.261	2.270	2.209	2.154	2.159	2.157	2.175A	11
12	1.778A	1.833A	1.923	1.983	2.105	2.263	2.270	2.206	2.153	2.160	2.164	2.174E	12
13	1.779A	1.841A	1.923	1.984	2.109	2.279	2.273	2.205	2.151	2.159	2.164	2.171E	13
14	1.779A	1.844E	1.925	1.987	2.116	2.291	2.274	2.201	2.150	2.157	2.162	2.170E	14
15	1.779A	1.847E	1.928	1.989	2.143	2.301	2.275	2.200	2.150	2.157	2.161	2.169E	15
16	1.779A	1.850A	1.938	1.993	2.156	2.307	2.272	2.198	2.150	2.158	2.162	2.168A	16
17	1.781E	1.861A	1.944	1.996	2.167	2.309	2.274	2.195	2.149	2.156	2.165	2.167E	17
18	1.783E	1.868A	1.945	1.997	2.178	2.310	2.280	2.191	2.148	2.154	2.165	2.168E	18
19	1.785A	1.875A	1.946	1.999	2.194	2.310	2.285	2.187	2.149	2.156	2.164	2.168E	19
20	1.798A	1.877A	1.947	2.002	2.218	2.307	2.285	2.186	2.146	2.157	2.161	2.170E	20
21	1.799A	1.878E	1.948	2.005	2.254	2.304	2.283	2.184	2.144	2.153	2.163	2.170E	21
22	1.799A	1.879E	1.954	2.006	2.280	2.301	2.282	2.177	2.145	2.154	2.164	2.170E	22
23	1.801A	1.879A	1.960	2.010	2.294	2.295	2.284	2.174	2.146	2.154	2.166	2.171E	23
24	1.801E	1.881A	1.963	2.019	2.302	2.290	2.288	2.174	2.147	2.155	2.167	2.171A	24
25	1.801E	1.886A	1.962	2.022	2.312	2.283	2.288	2.169	2.145	2.156	2.167	2.171A	25
26	1.801A	1.891	1.959	2.025	2.321	2.274	2.283	2.166	2.142	2.159	2.167	2.172E	26
27	1.801A	1.897	1.957	2.028	2.321	2.274	2.277	2.161	2.143	2.155	2.166	2.174E	27
28	1.801A	1.900	1.961	2.030	2.316	2.273	2.270	2.158	2.144	2.155	2.163	2.176E	28
29	1.801A		1.963	2.035	2.305	2.273	2.262	2.158	2.146	2.159	2.160	2.178E	29
30	1.801A		1.966	2.040	2.299	2.275	2.254	2.158	2.142	2.158	2.156	2.180E	30
31	1.801E		1.967		2.289		2.250	2.155		2.161		2.181E	31
MEAN	1.786	1.845	1.936	1.998	2.176	2.280	2.270	2.197	2.151	2.155	2.162	2.170	MEAN
MAX	1.801	1.900	1.967	2.040	2.321	2.310	2.288	2.244	2.158	2.161	2.167	2.181	MAX
MIN	1.769	1.801	1.900	1.968	2.042	2.246	2.249	2.155	2.142	2.143	2.156	2.157	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.095
MAXIMUM DAILY, 2.321 ON MAY 26
MINIMUM DAILY, 1.769A ON JAN 1
MAXIMUM INSTANTANEOUS,
2.328 AT 18:20 PST ON MAY 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUN

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 00 N
LONG 120 30 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

MISSION CREEK ABOVE PEARSON CREEK - STATION NO. 08NM233

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.552B	0.442B	0.462B	0.620E	5.75	24.0 A	14.9	4.13	4.09	1.78	2.36	0.718	1
2	0.515B	0.396B	0.453B	0.600E	6.17	21.1 A	9.57	3.17	5.51	3.50	2.46	0.721	2
3	0.524B	0.377B	0.470B	0.614E	5.15	17.9 A	7.08	4.05	3.76	2.16	2.34	0.812	3
4	0.544B	0.360B	0.493B	0.597E	4.36	17.6	6.14	3.51	3.31	1.74	2.00	0.620B	4
5	0.527B	0.348B	0.473B	0.603E	3.68	17.0	5.38	2.70	3.25	1.58	1.53	0.699B	5
6	0.504B	0.331B	0.408B	0.597E	3.23	20.7	6.09	2.37	2.76	2.18	1.40	0.739B	6
7	0.493B	0.300B	0.391B	0.595E	2.94	16.3	8.21	2.17	2.58	4.00	1.30	0.696	7
8	0.481B	0.278B	0.405B	0.597E	2.75	16.1	9.12	1.97	2.35	2.71	1.24	0.678	8
9	0.470B	0.255B	0.422B	0.595E	2.97	18.9	9.77	1.84	2.17	2.20	1.13	0.679	9
10	0.442B	0.261B	0.428B	0.586E	3.51	16.8	11.8	1.72	2.10	1.92	1.07	0.754	10
11	0.428B	0.323B	0.445B	0.569E	3.91	14.0	11.2	1.60	1.66	1.45	1.18	0.676	11
12	0.391B	0.394B	0.473B	0.555E	4.56	11.3	7.50	1.52	1.27	1.29	1.64	0.610	12
13	0.402B	0.439B	0.484B	0.541E	5.10	12.3	9.15	1.44	1.24	1.18	1.37	0.606	13
14	0.396B	0.504B	0.493B	0.549E	5.52	11.9	13.2	1.53	1.17	1.18	1.19	0.614	14
15	0.354B	0.547B	0.524B	0.600E	6.94	11.2	9.34	1.83	0.745	1.20	1.05	0.627	15
16	0.317B	0.586B	0.578E	0.665E	6.51	11.7	8.64	1.80	0.695	1.18	1.05	0.645	16
17	0.340B	0.595B	0.580E	0.736E	7.36	9.63	7.62	2.12	0.667	1.16	0.972	0.684	17
18	0.396B	0.603B	0.555E	0.807E	9.33	9.20	6.80	1.85	0.634	1.06	1.01	0.711	18
19	0.430B	0.612B	0.521E	0.934E	11.6	12.2	6.20	1.70	1.39	1.05	0.975	0.744	19
20	0.484B	0.572B	0.515E	1.18 E	14.4	11.1 A	6.40	1.77	2.14	0.962	0.953	0.699B	20
21	0.535B	0.532B	0.518E	1.32 E	25.8	7.65A	8.41	1.79	1.63	0.746	0.962	0.640B	21
22	0.651B	0.518B	0.521E	1.41 A	23.3	8.75	5.69	1.91	1.65	0.760	0.934	0.600B	22
23	0.807B	0.513B	0.524E	1.83	23.0	9.71	4.70	2.86	1.43	0.798	0.863	0.629B	23
24	0.858B	0.544B	0.532E	4.22	22.2	8.21	8.10	2.74	1.34	0.896	0.834	0.640B	24
25	0.779B	0.569B	0.549A	3.65	27.7	8.13	7.25	2.64	1.42	1.00	0.681	0.589B	25
26	0.722B	0.555B	0.561E	3.17	29.4	8.58	4.81	2.56A	1.31	1.07	0.764	0.549B	26
27	0.694B	0.518B	0.572E	2.89	23.6	8.18	3.77	2.53	1.27	1.55	0.702	0.569B	27
28	0.671B	0.493B	0.580E	2.60	24.8	7.36	3.09	2.51	1.53	2.13	0.658	0.541B	28
29	0.654B		0.626E	2.46	26.5	6.80	3.06	2.81	2.00	1.98	0.683	0.490B	29
30	0.629B		0.643E	3.54	29.4 A	7.14	3.96	3.51	1.90	1.53	0.721	0.430B	30
31	0.575B		0.623E		29.2 A		3.43	2.88		1.58		0.399B	31
TOTAL	16.565	12.765	15.822	40.230	400.54	381.44	230.38	73.53	58.971	49.522	36.022	19.808	TOTAL
MEAN	0.534	0.456	0.510	1.34	12.9	12.7	7.43	2.37	1.97	1.60	1.20	0.639	MEAN
MAX	0.858	0.612	0.643	4.22	29.4	24.0	14.9	4.13	5.51	4.00	2.46	0.812	MAX
MIN	0.317	0.255	0.391	0.541	2.75	6.80	3.06	1.44	0.634	0.746	0.658	0.399	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.66
MAXIMUM DAILY, 29.4 ON MAY 26
MINIMUM DAILY, 0.255B ON FEB 9
MAXIMUM INSTANTANEOUS,
41.3 AT 23:43 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 16 N
LONG 119 03 45 W
DRAINAGE AREA, 233 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 430	JUL	19 900
FEB	1 100	AUG	6 350
MAR	1 370	SEP	5 100
APR	3 480	OCT	4 280
MAY	34 600	NOV	3 110
JUN	33 000	DEC	1 710

TOTAL DISCHARGE, 115 000 dam³

MISSION CREEK NEAR EAST KELOWNA - STATION NO. 08NM116

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.51	1.41	1.63	2.19	22.9	32.6	23.3	6.26	4.34	3.05	4.42	2.51	1
2	2.26	1.22 B	1.59	2.12	22.5	31.1	16.8	5.80	6.19	4.36	4.91	2.67	2
3	1.96	1.18 B	1.63	2.15	17.9	29.7	12.8	6.06	4.87	3.95	4.79	1.97	3
4	2.17	1.20 B	1.75	2.01	15.4	28.6	10.4	6.26	4.32	3.22	4.40	2.56	4
5	2.13	1.09 B	1.71	2.11	13.2	26.5	8.69	5.18	4.35	2.95	3.76	2.89	5
6	1.97	1.10 B	1.41	2.10	12.6	34.5	8.78	4.42	4.02	3.14	3.53	2.74	6
7	1.92	1.02 B	1.33B	2.06	13.2	27.7	14.0	3.82	3.58	5.43	3.33	2.45	7
8	1.87	0.878B	1.39B	2.04	12.7	25.3	17.8	3.45	3.05	4.90	3.21	2.40	8
9	1.78	0.765B	1.49	2.04	13.5	34.3	18.7	3.14	2.64	4.39	3.10	2.46	9
10	1.70	0.680B	1.50	1.97	14.6	34.8	20.1	2.76	2.38	3.95	2.99	2.69	10
11	1.23	0.878B	1.55	2.00	15.3	33.4	23.8	2.40	2.13	3.35	3.00	2.56	11
12	1.20 B	1.08 B	1.61	1.95	17.8	27.9	17.1	2.15	1.35	3.00	3.34A	1.66	12
13	1.28 B	1.13 B	1.67	1.86	18.9	27.9	15.7	1.93	1.33	3.09	3.23E	1.70B	13
14	1.06 B	1.42 B	1.70	1.81	19.0	28.6	27.3	1.89	1.25	2.84	3.48E	1.73B	14
15	0.864B	1.93	1.76	1.97	22.1	25.9	20.8	2.38	0.863	2.58	3.17E	1.75B	15
16	0.850B	2.11	2.06	2.20	21.4	24.8	18.0	2.28	0.542	2.57	3.09E	1.72B	16
17	0.906B	2.18	2.03	2.49	21.5	21.4	16.5	3.20	0.464	2.44	2.74E	1.69B	17
18	1.13 B	2.07	1.88	2.56	24.6	18.7	15.0	2.83	0.398	2.26	2.89A	1.77B	18
19	1.50 B	2.14	1.82	3.11	28.9	23.8	14.6	2.36	1.40	2.29	2.78	1.93B	19
20	1.81	2.02	1.80	4.76	37.1A	23.2	13.4	2.44	3.99	2.17	2.91	1.82B	20
21	1.87	1.85	1.79	4.98	60.6A	18.9	14.9	2.83A	3.17	1.86	2.93	1.66B	21
22	1.93	1.79	1.81	5.27	54.1A	18.0	12.3	2.34	3.12	1.79	2.94	1.69B	22
23	2.92	1.75	1.78	6.12	49.0	19.3	8.67	3.09	2.77	1.90	2.81	1.77B	23
24	4.11	1.76	1.72	17.8	47.9	16.4	12.1	3.23	2.66	1.93	2.76	1.79B	24
25	3.65	2.11	1.75	15.2	54.7	15.1	15.6	2.99	2.74	2.24	2.47	1.69B	25
26	2.94	1.95	1.84	12.3	52.4	15.1	11.0	2.67	2.82	2.24	2.62	1.64B	26
27	2.64	1.78	1.90	11.0	39.4	14.5	7.87	2.49	2.57	2.88	2.49	1.63B	27
28	2.52	1.69	1.91	10.0	36.5	13.6	6.43	2.49	2.71	3.77	2.36	1.66B	28
29	2.37		2.13	9.66	36.0	12.7	6.00	3.09	3.38	4.75	2.39	1.53B	29
30	2.31		2.23	13.3	37.4	12.4	6.46	4.52	3.30	3.85	2.41	1.36B	30
31	2.23		2.17		38.5		6.12	3.99		3.52		1.24B	31
TOTAL	61.590	42.181	54.34	151.13	891.6	716.7	441.02	104.74	82.697	96.66	95.25	61.33	TOTAL
MEAN	1.99	1.51	1.75	5.04	28.8	23.9	14.2	3.38	2.76	3.12	3.18	1.98	MEAN
MAX	4.11	2.18	2.23	17.8	60.6	34.8	27.3	6.26	6.19	5.43	4.91	2.89	MAX
MIN	0.850	0.680	1.33	1.81	12.6	12.4	6.00	1.89	0.398	1.79	2.36	1.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.67
MAXIMUM DAILY, 60.6A ON MAY 21
MINIMUM DAILY, 0.398 ON SEP 18
MAXIMUM INSTANTANEOUS,
72.5 AT 07:30 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 44 N
LONG 119 24 47 W
DRAINAGE AREA, 811 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 320	JUL	38 100
FEB	3 640	AUG	9 050
MAR	4 690	SEP	7 150
APR	13 100	OCT	8 350
MAY	77 000	NOV	8 230
JUN	61 900	DEC	5 300

TOTAL DISCHARGE, 242 000 dam³

MITCHELL LAKE NEAR KEITHLEY CREEK - STATION NO. 08KH015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.752	2.619	2.559	2.511	2.730	3.646	3.287	3.473	3.194	2.862	2.808	2.693	1
2	2.739	2.616	2.554	2.514	2.768	3.640	3.299	3.453	3.203	2.862	2.876	2.687	2
3	2.731	2.614	2.556	2.519	2.793	3.627	3.338	3.427	3.193	2.850	2.909	2.679	3
4	2.730	2.610	2.552	2.520	2.800	3.629	3.391	3.410	3.177	2.843	2.925	2.674	4
5	2.718	2.608	2.546	2.521	2.812	3.612	3.420	3.392	3.169	2.837	2.927	2.665	5
6	2.712	2.598	2.544	2.522	2.827	3.594	3.446	3.381	3.147	2.829	2.922	2.652	6
7	2.717	2.592	2.533	2.519	2.843	3.564	3.452	3.380	3.132	2.821	2.919	2.642	7
8	2.705	2.586	2.529	2.519	2.852	3.521	3.427	3.378	3.133	2.818	2.903	2.632	8
9	2.694	2.572	2.525	2.520	2.863	3.477	3.403	3.383	3.130	2.801	2.895	2.624	9
10	2.689	2.567	2.516	2.521	2.883	3.433	3.377	3.387	3.125	2.796	2.882	2.623	10
11	2.680	2.563	2.514	2.517	2.889	3.404	3.358	3.398	3.119	2.793	2.872	2.622	11
12	2.671	2.562	2.512	2.514	2.904	3.378	3.349	3.401	3.104	2.777	2.870	2.613	12
13	2.654	2.564	2.509	2.515	2.928	3.351	3.345	3.404	3.081	2.760	2.868	2.604	13
14	2.642	2.566	2.505	2.513	2.960	3.336	3.361	3.399	3.062	2.751	2.859	2.592	14
15	2.633	2.568	2.498	2.513	2.994	3.336	3.379	3.392	3.052	2.741	2.863	2.587	15
16	2.628	2.568	2.497	2.512	3.025	3.334	3.390	3.373	3.055	2.739	2.863	2.578	16
17	2.617	2.572	2.492	2.511	3.071	3.331	3.405	3.369	3.061	2.741	2.851	2.565	17
18	2.616	2.572	2.500	2.506	3.117	3.312	3.431	3.352	3.075	2.744	2.837	2.561	18
19	2.603	2.577	2.499	2.503	3.166	3.292	3.458	3.337	3.099	2.735	2.827	2.557	19
20	2.603	2.581	2.500	2.508	3.219	3.275	3.478	3.323	3.097	2.728	2.820	2.544	20
21	2.598	2.589	2.492	2.514	3.288	3.272	3.494	3.303	3.071	2.714	2.802	2.535	21
22	2.600	2.592	2.492	2.525	3.368	3.259	3.506	3.285	3.046	2.704	2.787	2.533	22
23	2.624	2.601	2.491	2.545	3.436	3.249	3.499	3.269	3.020	2.698	2.775	2.534	23
24	2.635	2.598	2.498	2.586	3.499	3.246	3.501	3.266	2.998	2.694	2.761	2.534	24
25	2.642	2.594	2.496	2.630	3.564	3.244	3.499	3.262	2.975	2.694	2.751	2.537	25
26	2.646	2.585	2.496	2.646	3.652	3.248	3.490	3.268	2.948	2.689	2.747	2.531	26
27	2.649	2.577	2.497	2.658	3.675	3.252	3.489	3.268	2.929	2.701	2.731	2.529	27
28	2.646	2.566	2.506	2.674	3.651	3.253	3.495	3.250	2.905	2.710	2.710	2.518	28
29	2.648		2.508	2.685	3.622	3.259	3.503	3.234	2.891	2.718	2.705	2.507	29
30	2.643		2.508	2.695	3.618	3.273	3.498	3.220	2.876	2.733	2.701	2.497	30
31	2.628		2.510		3.650		3.489	3.193		2.745		2.496	31
MEAN	2.661	2.585	2.514	2.549	3.144	3.388	3.428	3.343	3.069	2.762	2.832	2.585	MEAN
MAX	2.752	2.619	2.559	2.695	3.675	3.646	3.506	3.473	3.203	2.862	2.927	2.693	MAX
MIN	2.598	2.562	2.491	2.503	2.730	3.244	3.287	3.193	2.876	2.689	2.701	2.496	MIN

WATER LEVELS IN METRES

MEAN, 2.907
MAXIMUM DAILY, 3.675 ON MAY 27
MINIMUM DAILY, 2.491 ON MAR 23
MAXIMUM INSTANTANEOUS,
3.681 AT 11:54 PST ON MAY 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 36 N
LONG 120 44 10 W

NATURAL FLOW

MITCHELL RIVER AT OUTLET OF MITCHELL LAKE - STATION NO. 08KH014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.06	4.77	3.80	3.08	6.67	35.6	20.8	27.8	17.8	9.30	8.17	6.02	1
2	6.83	4.73	3.73	3.12	7.36	35.3	21.3	27.0	18.1	9.30	9.60	5.93	2
3	6.68	4.69	3.75	3.20	7.86	34.7	22.7	26.0	17.8	9.05	10.3	5.80	3
4	6.66	4.62	3.69	3.20	8.00	34.8	24.6	25.4	17.3	8.91	10.7	5.71	4
5	6.45	4.59	3.59	3.22	8.24	34.0	25.8	24.7	17.1	8.78	10.7	5.56	5
6	6.35	4.43	3.57	3.24	8.58	33.1	26.8	24.3	16.4	8.61	10.6	5.34	6
7	6.44	4.33	3.40	3.19	8.90	31.8	27.0	24.2	16.0	8.43	10.5	5.16	7
8	6.24	4.23	3.35	3.20	9.08	29.8	26.0	24.2	16.0	8.37	10.2	5.00	8
9	6.05	4.01	3.28	3.21	9.32	28.0	25.1	24.4	15.9	8.02	10.0	4.86	9
10	5.96	3.93	3.16	3.22	9.74	26.2	24.1	24.5	15.8	7.91	9.73	4.84	10
11	5.80	3.87	3.12	3.17	9.88	25.2	23.4	24.9	15.6	7.87	9.51	4.83	11
12	5.66	3.85	3.09	3.12	10.2	24.2	23.1	25.0	15.2	7.54	9.46	4.67	12
13	5.37	3.89	3.05	3.13	10.7	23.1	22.9	25.1	14.6	7.21	9.43	4.52	13
14	5.17	3.91	3.00	3.10	11.4	22.6	23.5	25.0	14.0	7.04	9.25	4.33	14
15	5.00	3.94	2.89	3.10	12.2	22.6	24.2	24.7	13.8	6.87	9.32	4.26	15
16	4.92	3.95	2.87	3.08	13.1	22.5	24.6	24.0	13.8	6.83	9.32	4.12	16
17	4.73	4.01	2.81	3.08	14.3	22.4	25.2	23.8	14.0	6.85	9.07	3.90	17
18	4.72	4.02	2.92	3.00	15.6	21.7	26.2	23.2	14.4	6.91	8.77	3.84	18
19	4.50	4.09	2.90	2.96	17.0	21.0	27.2	22.6	15.1	6.75	8.56	3.77	19
20	4.51	4.15	2.92	3.03	18.6	20.5	28.0	22.1	15.0	6.63	8.41	3.56	20
21	4.42	4.29	2.81	3.13	20.9	20.4	28.7	21.4	14.3	6.40	8.05	3.43	21
22	4.46	4.33	2.80	3.29	23.8	19.9	29.2	20.8	13.6	6.21	7.73	3.40	22
23	4.86	4.47	2.79	3.58	26.4	19.6	28.8	20.3	12.9	6.12	7.50	3.42	23
24	5.04	4.43	2.89	4.24	28.9	19.5	28.9	20.1	12.3	6.05	7.21	3.43	24
25	5.16	4.37	2.86	4.95	31.8	19.4	28.9	20.0	11.8	6.04	7.04	3.47	25
26	5.22	4.21	2.86	5.23	35.9	19.5	28.5	20.2	11.2	5.96	6.97	3.37	26
27	5.29	4.08	2.87	5.44	37.0	19.7	28.4	20.2	10.7	6.16	6.69	3.35	27
28	5.23	3.92	3.00	5.71	35.8	19.7	28.7	19.6	10.2	6.33	6.33	3.18	28
29	5.26		3.03	5.89	34.5	19.9	29.0	19.1	9.92	6.46	6.24	3.02	29
30	5.18		3.03	6.06	34.3	20.4	28.8	18.6	9.59	6.72	6.16	2.88	30
31	4.92		3.06		35.8		28.5	17.8		6.94		2.86	31
TOTAL	170.14	118.11	96.89	110.17	561.83	747.1	808.9	711.0	430.21	226.57	261.52	131.83	TOTAL
MEAN	5.49	4.22	3.13	3.67	18.1	24.9	26.1	22.9	14.3	7.31	8.72	4.25	MEAN
MAX	7.06	4.77	3.80	6.06	37.0	35.6	29.2	27.8	18.1	9.30	10.7	6.02	MAX
MIN	4.42	3.85	2.79	2.96	6.67	19.4	20.8	17.8	9.59	5.96	6.16	2.86	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 37.0 ON MAY 27
MINIMUM DAILY, 2.79 ON MAR 23
MAXIMUM INSTANTANEOUS,
37.4 AT 11:54 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 36 N
LONG 120 44 30 W
DRAINAGE AREA, 245 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 700	JUL	69 900
FEB	10 200	AUG	61 400
MAR	8 370	SEP	37 200
APR	9 520	OCT	19 600
MAY	48 500	NOV	22 600
JUN	64 500	DEC	11 400

TOTAL DISCHARGE, 378 000 dam³

MOBERLY RIVER NEAR FORT ST. JOHN - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.17B	2.89B	2.65B	2.56B	27.8E	92.5	21.8	5.80	1.79	1.22	2.77B	2.10B	1
2	4.11B	2.86B	2.60B	2.54B	32.0E	93.1	21.0	5.60	2.05	1.20	2.52B	2.11B	2
3	4.07B	2.85B	2.59B	2.54B	38.0E	90.6	20.2	5.47	1.74	1.34	2.45B	2.08B	3
4	4.03B	2.82B	2.59B	2.57B	45.8E	87.5	19.5	5.18	1.57	1.33	2.47B	2.00B	4
5	3.99B	2.80B	2.58B	2.60B	48.7E	82.8	18.1	4.91	1.58	1.17	2.45B	1.92B	5
6	3.93B	2.71B	2.59B	2.62B	49.8E	78.1	17.1	4.76	1.57	1.15	2.35B	1.88B	6
7	3.85B	2.64B	2.61B	2.63B	50.0E	73.9	16.1	4.48	1.91	1.21	2.28B	1.83B	7
8	3.79B	2.58B	2.62B	2.64B	50.0E	69.1	15.4	4.23	1.78	1.24	2.21B	1.80B	8
9	3.73B	2.55B	2.64B	2.63B	50.1E	65.0	14.5	4.03	1.40	1.31	2.23B	1.76B	9
10	3.70B	2.55B	2.65B	2.61B	50.3E	61.0	13.4	3.86	1.38	1.32	2.26B	1.72B	10
11	3.70B	2.60B	2.67B	2.60B	52.0E	57.2	12.5	3.66	1.84	1.35	2.40B	1.71B	11
12	3.70B	2.62B	2.67B	2.59B	55.0E	53.6	11.8	3.47	1.54	1.37	2.41B	1.69B	12
13	3.65B	2.64B	2.67B	2.58B	59.3	50.7	11.3	3.41	1.53	1.38	2.52B	1.65B	13
14	3.61B	2.68B	2.66B	2.60B	60.8	48.2	10.7	3.31	1.34	1.40	2.58B	1.62B	14
15	3.54B	2.70B	2.65B	2.67B	62.6	45.4	10.1	3.16	1.24	1.43	2.50B	1.60B	15
16	3.50B	2.76B	2.63B	2.90B	63.4	44.3	9.57	3.15	1.20	1.57	2.39B	1.61B	16
17	3.45B	2.79B	2.61B	3.35B	62.5	43.3	9.14	3.00	1.17	1.91	2.23B	1.63B	17
18	3.47B	2.80B	2.59B	4.10B	61.6	41.5	8.74	2.75	1.17A	1.59	2.19B	1.71B	18
19	3.50B	2.79B	2.56B	5.30B	62.1	39.8	8.36	2.66	1.17	1.47	2.20B	1.74B	19
20	3.53B	2.76B	2.54B	6.65B	63.2	38.0	8.12	2.53	1.15	1.43B	2.20B	1.75B	20
21	3.60B	2.73B	2.53B	8.20B	65.0	36.3	8.10	2.54	1.25	1.39B	2.11B	1.70B	21
22	3.69B	2.71B	2.52B	10.5 B	67.2	33.8	8.07	2.54	1.20	1.37B	2.02B	1.61B	22
23	3.70B	2.69B	2.53B	13.3 B	70.7	32.4	7.48	2.45	1.16	1.32B	2.00B	1.59B	23
24	3.69B	2.68B	2.58B	16.6 B	73.8	30.8	7.32	2.28	1.18	1.33B	2.03B	1.62B	24
25	3.58B	2.68B	2.60B	20.9 B	76.4	29.5	7.10	2.16	1.22	1.35B	2.01B	1.64B	25
26	3.47B	2.69B	2.61B	25.0 E	79.6	27.8	7.06	2.26	1.21	1.42B	2.00B	1.59B	26
27	3.35B	2.69B	2.62B	25.3 E	82.7	26.4	6.88	2.49	1.22	1.42B	2.02B	1.53B	27
28	3.26B	2.69B	2.61B	25.1 E	86.7	25.3	6.61	2.36	1.21	1.41B	2.11B	1.49B	28
29	3.15B		2.61B	24.2 E	89.5	24.1	6.39	2.36	1.19	1.45B	2.11B	1.45B	29
30	3.03B		2.60B	23.3 E	89.4	23.0	6.02	2.12	1.22	1.55B	2.09B	1.43B	30
31	2.98B		2.60B		89.9		5.88	1.92		2.00B		1.42B	31
TOTAL	112.52	75.95	80.78	253.68	1 915.9	1 545.0	354.34	104.90	42.18	43.40	68.11	52.98	TOTAL
MEAN	3.63	2.71	2.61	8.46	61.8	51.5	11.4	3.38	1.41	1.40	2.27	1.71	MEAN
MAX	4.17	2.89	2.67	25.3	89.9	93.1	21.8	5.80	2.05	2.00	2.77	2.11	MAX
MIN	2.98	2.55	2.52	2.54	27.8	23.0	5.88	1.92	1.15	1.15	2.00	1.42	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 93.1 ON JUN 2
MINIMUM DAILY, 1.15 ON SEP 20
MAXIMUM INSTANTANEOUS,
94.3 AT 00:37 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 35 N
LONG 121 20 49 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 720	JUL	30 600
FEB	6 560	AUG	9 060
MAR	6 980	SEP	3 640
APR	21 900	OCT	3 750
MAY	166 000	NOV	5 880
JUN	133 000	DEC	4 580

TOTAL DISCHARGE, 402 000 dam³

MOFFAT CREEK NEAR HORSEFLY - STATION NO. 08KH019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.45B	3.15B	1.49B	3.10	9.45	16.2	3.84	2.69	0.633	0.848	1.53	0.985B	1
2	3.25B	2.90B	1.45B	3.06	11.9	16.9	3.75	3.31	0.768	0.915	1.90	0.980B	2
3	3.00B	2.68B	1.43B	3.01	11.9	13.1	3.70	3.06	1.06	0.908	2.32	0.970B	3
4	2.95B	2.48B	1.41B	2.78	10.7	10.9	3.54	2.71	1.16	0.968	2.21	0.960B	4
5	3.11B	2.25B	1.40B	2.83	9.88	9.76	3.34	2.41	1.16	1.01	2.06	0.940B	5
6	3.08B	2.09B	1.41B	2.62	9.32	8.96	3.14	2.19	1.23	1.03	1.93	0.925B	6
7	2.94B	1.94B	1.42B	2.50	9.12	7.88	2.92	1.98	1.21	1.07	1.82	0.913B	7
8	2.84B	1.83B	1.45B	2.36	8.90	6.94	2.75	1.80	1.05	1.09	1.73	0.900B	8
9	2.74B	1.74B	1.44B	2.39	9.02	6.50	2.53	1.60	0.945	1.21	1.67	0.893B	9
10	2.69B	1.71B	1.44B	2.34	9.37	6.05	2.36	1.43	0.894	1.35	1.62	0.900B	10
11	2.51B	1.69B	1.46B	2.25	9.52	5.99	2.14	1.31	0.851	1.41	1.59	0.890B	11
12	2.41B	1.67B	1.49B	2.13	8.96	6.93	2.02	1.20	0.807	1.37	1.89	0.875B	12
13	2.30B	1.66B	1.51B	2.08	8.39	7.04	1.81	1.08	0.739	1.32	2.19	0.870B	13
14	2.18B	1.63B	1.56B	2.05	8.25	6.11	1.66	0.986	0.681	1.32	2.20	0.860B	14
15	2.04B	1.64B	1.61B	2.07	8.52	5.62	1.59	0.900	0.635	1.31	2.18	0.845B	15
16	1.92B	1.65B	1.62B	2.22	8.78	5.44	1.52	0.805	0.601	1.29	2.21	0.850B	16
17	1.99B	1.66B	1.65B	2.45	8.55	6.33	1.55	0.725	0.582	1.27	2.09	0.860B	17
18	2.15B	1.67B	1.67B	2.75	8.54	9.33	1.76	0.652	0.524	1.38	1.91	0.880B	18
19	2.40B	1.68B	1.69B	3.07	8.54	11.3	1.89	0.583	0.572	1.34	1.75 B	0.950B	19
20	2.70B	1.69B	1.70B	3.83	9.13	11.2	2.01	0.522	0.647	1.27	1.65 B	0.950B	20
21	3.00B	1.67B	1.71B	4.45	9.50	9.44	2.36	0.473	0.609	1.22	1.54 B	0.945B	21
22	3.50B	1.61B	1.73B	5.30	10.1	8.09	2.57	0.442	0.650	1.14	1.35 B	0.940B	22
23	4.30B	1.58B	1.78B	6.20	11.6	8.19	2.41	0.436	0.750	1.08	1.15 B	0.920B	23
24	4.90B	1.53B	1.80B	9.56	11.2	9.62	2.27	0.427	0.751	1.07	1.09 B	0.890B	24
25	5.10B	1.53B	2.13	12.1	10.8	9.63	2.25	0.414	0.739	1.05	1.06 B	0.880B	25
26	5.05B	1.53B	2.33	10.1	12.2	7.65	2.15	0.398	0.743	1.07	1.04 B	0.870B	26
27	4.70B	1.52B	2.51	8.42	16.7	6.27	1.94	0.387	0.715	1.08	1.01 B	0.860B	27
28	4.40B	1.51B	2.87	7.76	17.7	5.34	1.94	0.375	0.705	1.13	1.00 B	0.840B	28
29	4.00B		3.17	7.45	13.7	4.69	2.05	0.440	0.722	1.17	0.995B	0.835B	29
30	3.65B		3.27	7.85	10.8	4.07	2.23	0.528	0.770	1.27	0.990B	0.825B	30
31	3.40B		3.29		12.2		2.39	0.498		1.31		0.816B	31
TOTAL	98.65	51.89	56.89	131.08	323.24	251.47	74.38	36.761	23.903	36.229	49.675	27.817	TOTAL
MEAN	3.18	1.85	1.84	4.37	10.4	8.38	2.40	1.19	0.797	1.17	1.66	0.897	MEAN
MAX	5.10	3.15	3.29	12.1	17.7	16.9	3.84	3.31	1.23	1.41	2.32	0.985	MAX
MIN	1.92	1.51	1.40	2.05	8.25	4.07	1.52	0.375	0.524	0.848	0.990	0.816	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.18
MAXIMUM DAILY, 17.7 ON MAY 28
MINIMUM DAILY, 0.375 ON AUG 28
MAXIMUM INSTANTANEOUS,
19.0 AT 01:29 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 49 N
LONG 121 24 10 W
DRAINAGE AREA, 539 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 520	JUL	6 430
FEB	4 480	AUG	3 180
MAR	4 920	SEP	2 070
APR	11 300	OCT	3 130
MAY	27 900	NOV	4 290
JUN	21 700	DEC	2 400

TOTAL DISCHARGE, 100 000 dam³

MONTE CREEK ABOVE MONTE LAKE DIVERSION - STATION NO. 08LE103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.77	1.15	0.523	0.314	0.063	---	---	---	1
2	---	---	---	---	1.47	1.03	0.449	0.258	0.161	---	---	---	2
3	---	---	---	---	1.23	1.00	0.380	0.258	0.084	---	---	---	3
4	---	---	---	---	1.23	0.875	0.380	0.286	0.094	---	---	---	4
5	---	---	---	---	1.03	0.780	0.363	0.244	0.084	---	---	---	5
6	---	---	---	0.108	0.875	0.716	0.300	0.229	0.079	---	---	---	6
7	---	---	---	0.099	0.843	0.609	0.467	0.187	0.053	---	---	---	7
8	---	---	---	0.099	0.843	0.587	0.566	0.178	0.053	---	---	---	8
9	---	---	---	0.108	1.03	0.907	0.544	0.152	0.053	---	---	---	9
10	---	---	---	0.094	1.03	0.843	0.566	0.143	0.048	---	---	---	10
11	---	---	---	0.089	1.15	0.875	0.780	0.125	0.044	---	---	---	11
12	---	---	---	0.094	1.15	0.716	0.630	0.117	0.045E	---	---	---	12
13	---	---	---	0.089	1.19	0.907	0.587	0.108	0.044	---	---	---	13
14	---	---	---	0.084	1.68	0.970	0.609	0.099	0.044	---	---	---	14
15	---	---	---	0.084	1.43	0.875	0.523	0.117	0.042	---	---	---	15
16	---	---	---	0.099	1.56	0.812	0.523	0.094	0.042	---	---	---	16
17	---	---	---	0.125	1.43	0.695	0.449	0.089	0.042	---	---	---	17
18	---	---	---	0.152	1.43	0.630	0.630	0.074	0.040	---	---	---	18
19	---	---	---	0.229	1.64	0.812	0.566	0.074	0.048	---	---	---	19
20	---	---	---	0.415	2.14	0.630	0.630	0.084	0.084	---	---	---	20
21	---	---	---	0.415	2.23	0.609	0.566	0.074	0.063	---	---	---	21
22	---	---	---	0.484	1.83 E	0.544	0.523	0.074	0.053	---	---	---	22
23	---	---	---	0.780	1.43	0.523	0.467	0.063	0.053	---	---	---	23
24	---	---	---	1.07	1.39	0.501	0.544	0.058	0.048	---	---	---	24
25	---	---	---	0.938	1.43	0.449	0.544	0.053	0.063	---	---	---	25
26	---	---	---	0.843	2.04	0.415	0.484	0.053	0.058	---	---	---	26
27	---	---	---	0.812	1.60	0.415	0.432	0.048	0.058	---	---	---	27
28	---	---	---	0.652	1.39	0.415	0.380	0.048	0.074	---	---	---	28
29	---		---	0.652	1.19	0.380	0.346	0.053	0.063	---	---	---	29
30	---		---	0.907	1.15	0.380	0.346	0.058	0.074	---	---	---	30
31	---		---		1.31		0.328	0.053		---		---	31
TOTAL	---	---	---	---	43.141	21.050	15.425	3.865	1.854	---	---	---	TOTAL
MEAN	---	---	---	---	1.39	0.702	0.498	0.125	0.062	---	---	---	MEAN
MAX	---	---	---	---	2.23	1.15	0.780	0.314	0.161	---	---	---	MAX
MIN	---	---	---	---	0.843	0.380	0.300	0.048	0.040	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 31 22 N
LONG 119 51 09 W
DRAINAGE AREA, 64.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 330
FEB	---	AUG	334
MAR	---	SEP	160
APR	---	OCT	---
MAY	3 730	NOV	---
JUN	1 820	DEC	---

MOODY CREEK NEAR CHRISTINA - STATION NO. 08NN021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.033	0.039	0.062E	0.334	0.578	0.448	0.329	0.166E	0.062E	0.039	0.052	0.036	1
2	0.031	0.042	0.065E	0.308	0.494	0.414	0.294	0.161	0.068E	0.050	0.047	0.039	2
3	0.029	0.027	0.071E	0.294	0.483	0.392	0.259	0.161	0.061	0.039	0.044	0.044	3
4	0.027	0.033	0.074E	0.274	0.448	0.360	0.250	0.150	0.055	0.040E	0.044	0.036	4
5	0.027	0.034E	0.076	0.240	0.437	0.355	0.266E	0.146	0.055	0.041	0.036	0.044	5
6	0.027	0.032	0.074	0.259	0.437	0.366	0.284	0.142	0.055	0.055	0.034	0.043E	6
7	0.027	0.031	0.076	0.255	0.414	0.385E	0.622	0.130	0.052	0.039	0.034E	0.041	7
8	0.027	0.031	0.071	0.250	0.403	0.403	0.387	0.130	0.050	0.048E	0.034	0.041	8
9	0.027	0.032	0.071	0.245	0.387	0.512	0.339	0.130	0.050	0.058	0.034	0.041	9
10	0.027	0.031	0.074	0.240	0.402E	0.460	0.329	0.130	0.044	0.052	0.034	0.044	10
11	0.028E	0.031	0.074	0.231	0.414	0.465	0.308	0.122	0.041	0.041	0.031	0.039	11
12	0.029	0.031	0.074	0.213	0.382	0.437	0.326E	0.118	0.039	0.040E	0.031	0.024	12
13	0.028	0.033	0.076	0.213E	0.360	0.460	0.339	0.115	0.036E	0.039	0.034	0.029E	13
14	0.026E	0.033	0.093	0.213	0.360	0.431	0.324	0.104	0.034	0.039	0.047	0.034	14
15	0.024	0.034	0.105	0.213	0.439E	0.450E	0.294	0.100	0.034	0.034	0.044	0.036	15
16	0.023	0.058	0.161	0.236	0.518	0.471	0.259	0.097E	0.034	0.036	0.047	0.034	16
17	0.023	0.049	0.167	0.240	0.460	0.460	0.240	0.093	0.034	0.039	0.045E	0.034	17
18	0.025	0.049	0.161	0.250	0.483	0.560	0.260E	0.087	0.031	0.036	0.044	0.034	18
19	0.025	0.059E	0.166	0.294	0.414	0.566	0.279	0.087	0.038E	0.034	0.047	0.034	19
20	0.026E	0.085E	0.166	0.324	0.414	0.524E	0.250	0.093	0.044	0.034	0.044	0.034	20
21	0.026	0.065E	0.161	0.324	0.821E	0.483	0.245	0.093	0.068	0.031	0.053E	0.034	21
22	0.028	0.059E	0.183E	0.403	0.560	0.471	0.231	0.087	0.047	0.033E	0.061	0.031	22
23	0.031	0.054E	0.204	0.530	0.542	0.454	0.227	0.083	0.044	0.034	0.055	0.029	23
24	0.046	0.059E	0.217	0.616	0.488	0.414	0.213	0.083	0.041	0.034	0.052	0.029	24
25	0.040	0.062E	0.245	0.530	0.963E	0.371	0.200	0.077	0.039	0.031	0.047	0.030E	25
26	0.037	0.062E	0.240	0.443	0.637E	0.360	0.191E	0.073	0.036	0.031E	0.044	0.031E	26
27	0.036	0.062E	0.245	0.448	0.566E	0.339	0.182	0.067	0.040E	0.031	0.047	0.051	27
28	0.036	0.062E	0.255	0.458	0.471	0.328E	0.178	0.067	0.044	0.041	0.047	0.031	28
29	0.037		0.279E	0.454	0.443	0.313	0.170	0.061	0.041	0.041	0.042E	0.029	29
30	0.035		0.303	0.530	0.376	0.360	0.178	0.061	0.041	0.047	0.036	0.029	30
31	0.035		0.308		0.460		0.170	0.058		0.050E		0.031	31
TOTAL	0.926	1.279	4.597	9.858	15.014	12.812	8.423	3.272	1.354	1.237	1.291	1.076	TOTAL
MEAN	0.030	0.046	0.148	0.329	0.484	0.427	0.272	0.106	0.045	0.040	0.043	0.035	MEAN
MAX	0.046	0.085	0.308	0.616	0.963	0.566	0.622	0.166	0.068	0.058	0.061	0.044	MAX
MIN	0.023	0.027	0.062	0.213	0.360	0.313	0.170	0.058	0.031	0.031	0.031	0.024	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.168
MAXIMUM DAILY, 0.963E ON MAY 25
MINIMUM DAILY, 0.023 ON JAN 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 04 N
LONG 118 16 24 W
DRAINAGE AREA, 13.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80.0	JUL	728
FEB	111	AUG	283
MAR	397	SEP	117
APR	852	OCT	107
MAY	1 300	NOV	112
JUN	1 110	DEC	93.0

TOTAL DISCHARGE, 5 290 dam³

MOON CREEK ABOVE DIVERSIONS - STATION NO. 08NE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.320E	0.239	0.163	0.088	0.068A	---	---	1
2	---	---	---	---	---	0.334A	0.246	0.162	0.083	---	---	---	2
3	---	---	---	---	---	0.350E	0.246	0.166	0.091	---	---	---	3
4	---	---	---	---	---	0.360E	0.280	0.149	0.082A	---	---	---	4
5	---	---	---	---	---	0.370E	0.340	0.159	0.080E	---	---	---	5
6	---	---	---	---	---	0.370E	0.347	0.151	0.078E	---	---	---	6
7	---	---	---	---	---	0.350E	0.386	0.145	0.074E	---	---	---	7
8	---	---	---	---	---	0.330E	0.388	0.143	0.070E	---	---	---	8
9	---	---	---	---	---	0.310E	0.387	0.133	0.066E	---	---	---	9
10	---	---	---	---	---	0.290E	0.381	0.117	0.060E	---	---	---	10
11	---	---	---	---	---	0.270E	0.360	0.116	0.056E	---	---	---	11
12	---	---	---	---	---	0.260E	0.358	0.109	0.054E	---	---	---	12
13	---	---	---	---	---	0.260E	0.356	0.115	0.052E	---	---	---	13
14	---	---	---	---	0.193A	0.250E	0.358	0.112	0.050E	---	---	---	14
15	---	---	---	---	---	0.250E	0.334	0.108	0.048E	---	---	---	15
16	---	---	---	---	---	0.240E	0.329	0.103	0.046E	---	---	---	16
17	---	---	---	---	---	0.240E	0.340	0.105	0.044E	---	---	---	17
18	---	---	---	---	---	0.240E	0.336	0.103	0.042E	---	---	---	18
19	---	---	---	---	---	0.240E	0.326	0.096	0.042E	---	---	---	19
20	---	---	---	---	---	0.240E	0.340	0.095	0.042E	---	---	---	20
21	---	---	---	---	---	0.245E	0.330	0.090	0.042E	---	---	---	21
22	---	---	---	---	---	0.245E	0.300	0.093	0.042E	---	---	---	22
23	---	---	---	---	---	0.245E	0.232	0.102	0.042E	---	---	---	23
24	---	---	---	---	---	0.245A	0.204	0.098	0.042E	---	---	---	24
25	---	---	---	---	---	0.244	0.188	0.091	0.042E	---	---	---	25
26	---	---	---	---	---	0.254	0.189	0.098	0.044E	---	---	---	26
27	---	---	---	---	---	0.254	0.176	0.093	0.048E	---	---	---	27
28	---	---	---	---	---	0.246	0.180	0.092	0.052E	---	---	---	28
29	---		---	---	---	0.246	0.190	0.095	0.058E	---	---	---	29
30	---		---	---	---	0.241	0.181	0.094	0.062E	---	---	---	30
31	---		---		---		0.172	0.097		---		---	31
TOTAL	---	---	---	---	---	8.339	9.019	3.589	1.722	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.278	0.291	0.116	0.057	---	---	---	MEAN
MAX	---	---	---	---	---	0.370	0.388	0.166	0.091	---	---	---	MAX
MIN	---	---	---	---	---	0.240	0.172	0.090	0.042	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 45 N
LONG 122 01 29 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	779
FEB	---	AUG	310
MAR	---	SEP	149
APR	---	OCT	---
MAY	---	NOV	---
JUN	720	DEC	---

MOOSE RIVER NEAR RED PASS - STATION NO. 08KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80B	2.10B	1.62B	1.60B	9.60E	89.0E	37.0E	30.1	20.9	5.15	8.56	1.89B	1
2	3.65B	2.05B	1.58B	1.60B	10.9 E	91.0E	48.0E	27.7	24.6	6.24	11.7	1.86B	2
3	3.50B	2.02B	1.56B	1.60B	12.5 E	63.0E	57.0E	25.9	20.2	5.28	9.58	1.83B	3
4	3.35B	1.98B	1.54B	1.60B	12.8 E	45.4A	62.0E	25.2	22.1	4.77	7.96	1.81B	4
5	3.25B	1.95B	1.54B	1.60B	13.0 E	36.7E	52.0E	26.1	20.6	4.60	6.75	1.80B	5
6	3.15B	1.91B	1.53B	1.60B	13.3 E	32.6E	41.5E	27.5	17.6	4.47	5.92	1.78B	6
7	3.05B	1.87B	1.53B	1.60B	13.7 E	28.5E	36.4E	31.0	19.5	4.58	5.76	1.75B	7
8	3.00B	1.85B	1.52B	1.60B	13.9 E	23.9E	27.0E	32.2	23.5	4.66	5.05	1.73B	8
9	2.95B	1.83B	1.51B	1.60B	14.1 E	21.4E	20.9E	31.9	25.5	4.53	4.92	1.71B	9
10	2.85B	1.80B	1.50B	1.60B	14.5 E	19.9E	18.5E	33.0	20.0	4.45	4.56	1.70B	10
11	2.80B	1.76B	1.50B	1.60B	15.5 E	21.4E	23.0E	35.2	17.2	4.28	4.49	1.69B	11
12	2.75B	1.74B	1.50B	1.60B	16.6 E	21.4E	27.0E	37.4	15.6	3.99	5.89	1.68B	12
13	2.72B	1.72B	1.50B	1.60B	18.0 E	20.1E	32.0E	33.3	12.9	4.00	5.84	1.66B	13
14	2.68B	1.71B	1.50B	1.60B	20.0 E	21.7E	35.5E	30.7	11.6	3.96	5.07	1.65B	14
15	2.60B	1.70B	1.50B	1.63B	22.7 E	25.4E	37.0E	30.0	12.9	3.87	4.92	1.63B	15
16	2.55B	1.70B	1.50B	1.64E	26.2 E	26.8E	38.5E	28.7	16.6	4.15	4.66	1.62B	16
17	2.50B	1.71B	1.50B	1.67E	30.0 E	26.5E	40.5E	28.4	19.6	4.43	4.58B	1.65B	17
18	2.45B	1.72B	1.50B	1.69E	35.0 E	26.8E	42.5E	26.8	20.3	4.12	3.62B	1.70B	18
19	2.35B	1.73B	1.50B	1.75E	43.5 E	25.0E	44.5E	25.9	22.1	4.06	3.40B	1.84B	19
20	2.35B	1.74B	1.50B	1.90E	51.0 E	21.0E	42.5E	27.5	14.0	3.81	2.89B	2.10B	20
21	2.33B	1.76B	1.50B	2.20E	62.0 E	17.8E	40.0E	25.9	10.6	3.52	2.64B	2.21B	21
22	2.32B	1.77B	1.50B	2.62A	85.0 E	16.3E	38.0E	23.2	9.10	3.77	2.48B	2.00B	22
23	2.32B	1.78B	1.51B	3.19	110 E	16.2E	36.5E	24.7	8.34	3.66	2.34B	1.83B	23
24	2.33B	1.79B	1.51B	4.33A	127 E	16.9E	35.0E	26.8	7.75	3.64	2.25B	1.70B	24
25	2.34B	1.77B	1.52B	5.60E	133 E	21.0E	33.0E	30.4	6.99	3.73	2.19B	1.60B	25
26	2.30B	1.73B	1.53B	6.50E	137 E	23.4E	32.0E	30.9	6.29	4.13	2.12B	1.55B	26
27	2.27B	1.70B	1.55B	7.10E	122 E	24.5E	35.5E	28.0	5.64	3.94	2.05B	1.52B	27
28	2.25B	1.68B	1.57B	7.50E	109 E	25.3E	38.9A	22.0	5.40	3.97	2.00B	1.49B	28
29	2.20B		1.59B	8.10E	92.0 E	27.0E	36.3	22.4	5.23	4.11	1.96B	1.47B	29
30	2.16B		1.60B	8.80E	85.0 E	30.9E	33.4	20.8	4.94	3.81	1.92B	1.45B	30
31	2.13B		1.60B		87.0 E		30.9	17.1		4.24		1.42B	31
TOTAL	83.25	50.57	47.41	88.62	1 555.80	906.8	1 152.8	866.7	447.58	131.88	138.07	53.32	TOTAL
MEAN	2.69	1.81	1.53	2.95	50.2	30.2	37.2	28.0	14.9	4.25	4.60	1.72	MEAN
MAX	3.80	2.10	1.62	8.80	137	91.0	62.0	37.4	25.5	6.24	11.7	2.21	MAX
MIN	2.13	1.68	1.50	1.60	9.60	16.2	18.5	17.1	4.94	3.52	1.92	1.42	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 137E ON MAY 26
MINIMUM DAILY, 1.42B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 12 N
LONG 118 48 00 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 190	JUL	99 600
FEB	4 370	AUG	74 900
MAR	4 100	SEP	38 700
APR	7 660	OCT	11 400
MAY	134 000	NOV	11 900
JUN	78 300	DEC	4 610

TOTAL DISCHARGE, 477 000 dam³

MORE CREEK NEAR THE MOUTH - STATION NO. 08CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.9B	10.3 B	7.23B	8.50	16.4	101	110	90.6	64.5	64.7	27.3	16.9 B	1
2	11.7B	10.1 B	7.11B	8.61	17.6	106	121	89.6	56.5	51.7	26.6	16.5 B	2
3	11.6B	9.70B	7.00B	8.64	18.7	112	149	129	52.4	44.7	26.4	15.8 B	3
4	11.5B	9.50B	7.07B	8.48	22.0	99.9	116	170	50.7	41.2	26.9	15.2 B	4
5	11.4B	9.30B	7.15B	8.47	25.6	93.8	99.0	240	61.5	37.8	98.5	14.4 B	5
6	11.3B	9.13B	7.20B	8.02	30.7	93.0	88.2	210	156	40.0	53.5	13.6 B	6
7	11.2B	8.96B	7.25B	7.69	40.0	84.8	80.7	174	234	40.6	34.5	12.5 B	7
8	11.1B	8.79B	7.30B	7.41	48.9	77.2	73.4	144	283	41.2	30.2	11.4 B	8
9	11.0B	8.62B	7.35B	7.59	58.0	78.9	76.7	128	371	39.7	29.6	10.7 B	9
10	10.9B	8.45B	7.40B	6.94	53.0	87.1	87.7	132	255	34.3	29.7	10.0 B	10
11	10.8B	8.40B	7.44B	6.99	48.3	104	108	114	301	30.4	50.0	9.60B	11
12	10.7B	8.32B	7.48B	6.80	44.0	120	137	100	107	30.2	45.9	9.40B	12
13	10.6B	8.26B	7.52B	7.06	46.1	124	142	89.9	77.5	31.2	35.2	9.10B	13
14	10.5B	8.20B	7.56B	7.13	50.9	127	158	98.9	95.1	45.5	30.4	8.80B	14
15	10.4B	9.60B	7.60B	7.23	58.1	118	168	99.3	372	88.3	27.7	8.50B	15
16	10.3B	9.38B	7.50B	7.32	68.7	110	161	86.9	246	56.4	26.0	8.34B	16
17	10.2B	9.16B	7.00B	7.00	69.2	99.2	168	75.9	161	43.8	25.1	8.18B	17
18	10.2B	8.94B	6.90B	7.00	74.9	101	198	78.1	162	81.1	24.2	8.02B	18
19	13.5B	8.72B	6.97B	7.59	84.6	124	211	81.1	110	44.7	24.0	7.86B	19
20	19.0B	8.50B	7.00B	8.89	83.2	104	182	105	78.4	36.8	24.2	7.70B	20
21	18.0B	8.33B	7.01B	9.52	81.9	103	168	146	64.8	34.5	23.6	7.58B	21
22	16.8B	8.16B	7.03B	9.61	83.4	109	127	107	59.1	32.9	22.9	7.46B	22
23	15.8B	7.99B	7.07	9.61	84.3	111	138	79.1	55.0	31.8	22.2	7.34B	23
24	15.0B	7.82B	7.01	10.7	108	116	136	94.6	53.4	38.3	21.7	7.22B	24
25	14.2B	7.65B	7.02	11.8	123	116	158	128	49.7	40.8	21.1	7.10B	25
26	13.6B	7.55B	7.52	11.8	106	111	159	144	47.8	34.9	20.3	6.98B	26
27	13.1B	7.45B	8.10	11.9	98.8	106	149	102	44.4	31.7	19.7B	6.86B	27
28	12.5B	7.35B	10.1	11.9	99.9	105	136	95.0	44.0	30.2	19.2B	6.74B	28
29	11.9B		10.1	13.1	112	108	142	72.9	41.7	28.9	18.4B	6.62B	29
30	11.3B		9.24	14.7	123	106	135	74.3	61.9	28.1	17.6B	6.50B	30
31	10.8B		8.75		112		111	73.7		27.4		6.40B	31
TOTAL	382.8	242.63	233.98	268.00	2 091.2	3 155.9	4 193.7	3 552.9	3 818.4	1 283.8	902.6	299.30	TOTAL
MEAN	12.3	8.67	7.55	8.93	67.5	105	135	115	127	41.4	30.1	9.65	MEAN
MAX	19.0	10.3	10.1	14.7	123	127	211	240	372	88.3	98.5	16.9	MAX
MIN	10.2	7.35	6.90	6.80	16.4	77.2	73.4	72.9	41.7	27.4	17.6	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.0
MAXIMUM DAILY, 372 ON SEP 15
MINIMUM DAILY, 6.40B ON DEC 31
MAXIMUM INSTANTANEOUS,
484 AT 23:43 PST ON SEP 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 02 27 N
LONG 130 24 05 W
DRAINAGE AREA, 844 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 100	JUL	362 000
FEB	21 000	AUG	307 000
MAR	20 200	SEP	330 000
APR	23 200	OCT	111 000
MAY	181 000	NOV	78 000
JUN	273 000	DEC	25 900

TOTAL DISCHARGE, 1 770 000 dam³

MORICE RIVER NEAR HOUSTON - STATION NO. 08ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	71.0E	35.8	27.7	18.2	22.5	205E	141	161	89.0E	67.7	51.1	50.6	1
2	72.0E	35.3	27.4	18.2	23.3	204E	145	155	89.0E	70.7	52.2	49.7	2
3	71.0E	34.4	27.2	17.9	24.4	202E	152	149	89.5E	71.0	53.5	46.8	3
4	70.3A	33.8	27.0	18.0	25.7	198A	157	144	88.8E	69.3	52.9	45.6	4
5	68.2	33.3	25.8	19.0	27.3	195	160	141	88.2E	66.6	52.9	45.1	5
6	66.1	32.5	25.6	18.5	29.1	190	159	139	88.4E	65.8	53.0	44.0	6
7	64.5	31.8	25.1	18.3	32.6	183	156	137	89.2E	66.4	52.7	42.7	7
8	61.6	31.2	24.7	18.3	36.5	176	151	137	90.0E	65.5	53.4	41.1	8
9	60.2	30.1	24.3	18.2	41.7	169	145	138	92.0E	64.4	54.9	39.4	9
10	58.2	29.3	24.0	17.6	45.8	164	141	140	93.9A	62.9	56.3	38.5	10
11	56.7	28.9	23.5	18.0	49.5	161	139	140	95.8	60.8	61.0	37.9	11
12	54.6	28.9	23.2	17.9	52.7	158	140	139	94.5	58.8	66.6	37.0	12
13	52.1	28.8	22.8	17.7	57.7	156	144	137	92.2	56.8	69.7	36.1	13
14	50.2	29.0	22.3	18.0	62.2	154	149	134	89.4	55.7	71.8	35.4	14
15	48.1	29.6	21.9	17.8	70.2	153	154	131	86.6	55.9	73.1	34.7	15
16	46.3	29.4	21.7	17.8	79.6	152	159	127	84.3	56.4	73.2	33.8	16
17	45.0	29.2	21.1	17.5	88.9	149	165	123	82.9	56.3	72.0	33.0	17
18	43.6	29.6	20.8	17.3	95.7	146	171	119	82.8	57.7	70.8	32.2	18
19	43.8	30.0	20.4	17.1	103	145	180	117	82.3	57.3	70.3	31.3	19
20	43.2	30.2	20.1	16.9	112	142	186	114	78.9	56.2	69.0	31.2	20
21	42.6	30.4	19.6	17.1	124	140	187	111	76.2	55.2	67.4	31.0	21
22	42.6	30.4	19.3	17.3	134	137	188	109	74.4	54.4	65.5	30.7	22
23	42.3	29.8	19.0	18.1	142	135	184	106	71.4	53.5	63.6	30.4	23
24	41.6	29.4	18.7	19.0	147 A	134	181	105	68.3	52.9	61.6	29.6	24
25	40.8	29.2	18.8	19.2	152 E	134	180	107	65.3	52.6	59.7	28.8	25
26	40.1	28.8	18.8	19.3	162 E	135	181	108 A	62.1	51.4	57.6	28.6	26
27	39.5	28.4	23.9	19.7	174 E	135	181	109 E	59.7	50.7	55.3	28.4	27
28	38.9	28.2	18.7	20.6	185 E	134	179	108 E	58.2	50.0	53.5	28.3	28
29	38.1		17.7	20.9	194 E	136	175	102 E	55.4	49.0	52.0	28.4	29
30	37.4		17.4	21.7	200 E	139	173	97.0E	57.0	48.5	50.4	28.2	30
31	36.6		17.8		208 E		167	93.0E		51.1		28.1	31
TOTAL	1 567.2	855.7	686.3	551.1	2 902.4	4 761	5 070	3 877.0	2 415.7	1 811.5	1 817.0	1 106.6	TOTAL
MEAN	51.2	30.6	22.1	18.4	93.6	159	164	125	80.5	58.4	60.6	35.7	MEAN
MAX	72.0	35.8	27.7	21.7	208	205	188	161	95.8	71.0	73.2	50.6	MAX
MIN	36.6	28.2	17.4	16.9	22.5	134	139	93.0	55.4	48.5	50.4	28.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 75.2
MAXIMUM DAILY, 208E ON MAY 31
MINIMUM DAILY, 16.9 ON APR 20
MAXIMUM INSTANTANEOUS,
209E ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 05 N
LONG 127 25 26 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	137 000	JUL	438 000
FEB	73 900	AUG	335 000
MAR	59 300	SEP	209 000
APR	47 600	OCT	157 000
MAY	251 000	NOV	157 000
JUN	411 000	DEC	95 600

TOTAL DISCHARGE, 2 370 000 dam³

MOYIE RIVER ABOVE NEGRO CREEK - STATION NO. 08NH120

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.66 B	0.878B	1.23B	3.06	38.5	24.7	11.4	3.96	0.660	0.779	1.01 E	0.631B	1
2	3.99 B	0.835B	1.22B	2.60	32.8	22.4	9.80	3.77	1.01	3.31	1.00 E	0.671B	2
3	3.28 B	0.807B	1.19B	2.44	23.9	23.3	9.00	3.57	0.654	2.37	0.985E	0.674B	3
4	2.97 B	0.793B	1.18B	2.26	20.2	25.6	8.61	3.45	0.572	1.61	0.977E	0.660B	4
5	2.75 B	0.867B	1.16B	2.18	17.8	20.7	8.10	3.37	0.612	1.31	0.926E	0.674B	5
6	2.55 B	0.850B	1.13B	2.10	16.7	22.4	8.44	2.94	0.575	1.67	0.906A	0.702B	6
7	2.29 B	0.906B	1.13B	1.86	15.9	19.4	11.3	2.60	0.524	2.67	0.616	0.699B	7
8	2.07 B	0.807B	1.13B	1.82	15.0	16.4	10.5	2.40	0.484	2.36	0.651	0.685B	8
9	1.84 B	0.623B	1.13B	1.82	15.9	17.1	8.13	2.23	0.428	2.25	0.574	0.677B	9
10	1.70 B	0.566B	1.15B	1.71	17.7	17.7	7.59	2.08	0.402	1.98	0.479	0.694B	10
11	1.56 B	0.617B	1.16B	1.64	19.7	17.0	7.39	1.83	0.365	1.84	0.543	0.697B	11
12	1.39 B	0.708B	1.20B	1.67	18.2	14.6	6.46	1.61	0.345	1.65	1.03	0.609B	12
13	1.25 B	0.821B	1.26B	1.62	19.0	22.8	7.19	1.52	0.323	1.53	1.52	0.504B	13
14	1.16 B	0.900B	1.32B	1.65	21.2	19.4	8.13	1.45	0.311	1.47	1.16	0.498B	14
15	1.06 B	0.920B	1.39	1.98	37.7	17.0	7.36	1.39	0.300	1.41	0.989	0.504B	15
16	0.963B	1.01 B	1.59	3.54	30.3	16.0	7.02	1.25	0.286	1.40	0.952	0.510B	16
17	0.850B	1.09 B	1.67	3.91	24.6	19.0	6.29	1.18	0.258	1.39	0.839	0.518B	17
18	1.01 B	1.18 B	1.60	4.76	25.5	17.5	5.80	1.05	0.272	1.25	0.892	0.538B	18
19	0.991B	1.40 B	1.54	5.86	33.4	17.8	5.44	0.895	0.283	1.09	0.809	0.561B	19
20	0.977B	1.73 B	1.61	7.14	36.5	21.0	5.64	0.929	0.430	1.05 E	0.770	0.589B	20
21	0.878B	1.78 B	1.50	8.92	39.4	17.4	5.72	1.02	0.445	1.05 E	0.786	0.609B	21
22	0.878B	1.64 B	1.43	9.32	44.2	15.0	5.49	0.833	0.807	1.03 E	0.819	0.538B	22
23	0.892B	1.47 B	1.39	15.7	42.5	15.5	5.58	0.753	0.552	1.01 E	0.801	0.450B	23
24	1.01 B	1.43 B	1.38	22.9	43.6	14.0	6.63	0.714	0.447	0.977E	0.582	0.524B	24
25	1.00 B	1.40 B	1.39	17.5	47.3	12.7	7.65	0.697	0.388	0.949E	0.538B	0.541B	25
26	0.991B	1.39 B	1.50	15.1	49.6	12.7	6.23	0.643	0.394	0.949E	0.510B	0.532B	26
27	0.991B	1.36 B	1.78	14.7	39.1	13.7	5.52	0.586	0.379	0.934E	0.496B	0.524B	27
28	0.977B	1.32 B	2.29	17.8	33.7	12.3	5.18	0.544	1.10	0.949E	0.487B	0.510B	28
29	0.949B		2.83	19.2	30.3	10.8	4.84	0.470	1.73	0.963E	0.501B	0.507B	29
30	0.920B		3.23	24.2	29.4	10.9	4.47	0.555	1.23	0.985E	0.558B	0.504B	30
31	0.906B		3.14		31.1		4.22	0.688		0.991E		0.487B	31
TOTAL	50.703	30.038	47.85	220.96	910.7	526.8	221.12	50.937	16.566	45.176	23.706	18.021	TOTAL
MEAN	1.64	1.07	1.54	7.37	29.4	17.6	7.13	1.64	0.552	1.46	0.790	0.581	MEAN
MAX	5.66	1.78	3.23	24.2	49.6	25.6	11.4	3.96	1.73	3.31	1.52	0.702	MAX
MIN	0.850	0.566	1.13	1.62	15.0	10.8	4.22	0.470	0.258	0.779	0.479	0.450	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.92
MAXIMUM DAILY, 49.6 ON MAY 26
MINIMUM DAILY, 0.258 ON SEP 17
MAXIMUM INSTANTANEOUS,
64.6 AT 21:30 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 20 N
LONG 115 56 28 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 380	JUL	19 100
FEB	2 600	AUG	4 400
MAR	4 130	SEP	1 430
APR	19 100	OCT	3 900
MAY	78 700	NOV	2 050
JUN	45 500	DEC	1 560

TOTAL DISCHARGE, 187 000 dam³

MOYIE RIVER AT EASTPORT - STATION NO. 08NH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.3	6.94B	10.6	16.4	122	87.2	44.7	15.2	4.25	3.37	3.94	3.94	1
2	20.6	6.65B	10.3	16.2	120	79.3	41.9	14.4	5.10	4.13	3.94	4.13	2
3	19.1	6.37B	10.1	15.8	102	74.5	38.5	13.6	4.53	4.81	3.94	4.02	3
4	18.1	6.09B	9.80	15.1	90.9	73.3	35.4	13.0	4.42	4.42	3.94	3.94	4
5	17.1	5.80B	9.97	15.1	80.4	69.1	32.8	12.6	4.36	4.30	3.94	3.94	5
6	16.6	5.52B	9.66	15.3	72.5	72.2	31.1	11.9	4.19	4.22	3.85	4.22	6
7	15.6	5.24B	9.34	14.5	66.0	66.8	33.1	11.1	4.02	4.30	3.85	4.30	7
8	15.1	4.81B	9.34	14.4	61.4	61.4	31.7	10.5	3.96	4.62	3.77	4.22	8
9	14.4	4.11B	9.06	14.4	59.2	68.0	29.7	9.94	3.96	4.70	3.77	4.13	9
10	13.3	3.11B	9.06	14.0	62.9	67.7	29.4	9.83	3.96	4.81	3.77	4.62	10
11	12.5	3.26B	9.06	14.0	74.2	70.5	28.3	8.89	3.77	4.70	3.77	5.35	11
12	11.8	3.54B	9.34	13.6	72.5	64.0	26.4	8.47	3.65	4.62	3.77	5.13	12
13	11.1	3.82B	9.20	13.5	68.2	94.3	25.5	8.07	3.57	4.53	4.53	3.96E	13
14	10.4	4.81B	9.34	12.8	66.8	113	25.5	7.70	3.48	4.42	4.53	3.54E	14
15	10.2 B	6.85	9.97	12.6	106	97.4	24.6	7.56	3.43	4.30	4.81	3.40E	15
16	9.91B	7.62	10.9	13.8	121	85.8	23.8	7.19	3.34	4.30	4.70	3.40E	16
17	9.63B	8.89	11.8	15.1	111	83.0	22.8	6.85	3.28	4.30	4.93	3.40E	17
18	9.06B	9.66	11.9	16.6	105	80.1	21.5	6.57	3.23	4.30	5.13	3.54E	18
19	8.78B	11.9	11.8	19.1	113	82.4	20.1	6.34	3.20	4.30	5.01	3.68E	19
20	8.47	16.2	11.9	23.1	119	96.6	20.0	6.26	3.20	4.22	5.01	3.82E	20
21	8.04	14.5	11.8	31.4	127	102	19.7	6.17	3.20	4.22	5.01	3.68E	21
22	8.18	13.1	11.8	34.8	129	90.0	19.3	5.97	3.20	4.13	5.13	3.54E	22
23	7.90	12.6	11.8	45.9	127	91.7	18.9	5.80	3.11	4.13	5.13	3.40E	23
24	8.75	12.6	11.8	76.7	134	85.0	18.6	5.64	3.11	4.13	5.01	3.34E	24
25	8.75	12.5	11.9	77.6	135	73.3	19.1	5.27	3.03	4.02	4.81	3.26E	25
26	8.33	11.8	12.1	70.5	144	65.4	19.2	4.98	3.03	3.94	4.81	3.17E	26
27	8.18	11.4	12.6	66.8	131	60.6	18.1	4.79	3.03	3.94	4.62	3.11E	27
28	8.04	10.9	13.3	68.2	120	57.8	17.6	4.56	3.14	3.94	4.25B	2.97E	28
29	7.79B		14.5	78.4	109	52.1	17.2	4.39	3.62	4.02	3.94	2.72E	29
30	7.50B		15.6	90.9	100	47.9	16.8	4.33	3.54	3.94	4.02	2.44E	30
31	7.22B		16.0		95.4		15.8	4.30		3.94		2.32E	31
TOTAL	362.33	230.59	345.64	946.6	3 145.4	2 312.4	787.1	252.17	108.91	132.02	131.63	114.63	TOTAL
MEAN	11.7	8.24	11.1	31.6	101	77.1	25.4	8.13	3.63	4.26	4.39	3.70	MEAN
MAX	22.3	16.2	16.0	90.9	144	113	44.7	15.2	5.10	4.81	5.13	5.35	MAX
MIN	7.22	3.11	9.06	12.6	59.2	47.9	15.8	4.30	3.03	3.37	3.77	2.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.3
MAXIMUM DAILY, 144 ON MAY 26
MINIMUM DAILY, 2.32E ON DEC 31

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 58 N
LONG 116 10 43 W
DRAINAGE AREA, 1 620 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 300	JUL	68 000
FEB	19 900	AUG	21 800
MAR	29 900	SEP	9 410
APR	81 800	OCT	11 400
MAY	272 000	NOV	11 400
JUN	200 000	DEC	9 900

TOTAL DISCHARGE, 767 000 dam³

MULLER CREEK NEAR THE MOUTH - STATION NO. 08KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.60B	0.860B	0.310B	1.15 B	9.20E	15.2	7.25	3.50E	1.95 E	1.63	6.09	0.985B	1
2	5.30B	0.730B	0.305B	2.25 B	8.20E	14.7	6.54	3.25E	2.20 E	0.962	4.42	0.940B	2
3	4.75B	0.630B	0.300B	2.10 B	7.10E	13.7	8.28	3.00E	2.00 E	0.718	5.49	0.940B	3
4	4.30B	0.520B	0.300B	1.55 B	6.60E	13.7	7.64	2.78E	1.65 E	0.642	5.57	0.950B	4
5	3.80B	0.450B	0.300B	1.30 B	9.90E	11.6	5.77	2.55E	1.52 E	0.615	4.15	0.960B	5
6	3.20B	0.380B	0.300B	0.960B	8.65E	11.3	5.38	2.52E	1.66 E	0.564	3.65	0.970B	6
7	2.85B	0.335B	0.300B	0.660B	9.20E	9.92	4.46	2.62E	1.82 E	0.735	3.09	0.980B	7
8	2.50B	0.305B	0.300B	0.560B	10.2 E	8.17	3.56	2.72E	2.10 E	0.738	3.10	0.970B	8
9	2.25B	0.285B	0.300B	0.480B	10.8 E	6.69	3.10	2.85E	2.06 A	0.591	3.85	0.965B	9
10	2.09B	0.272B	0.300B	0.430B	10.6 E	7.38	3.00	2.93E	1.86	0.569	3.44	0.960B	10
11	1.93B	0.268B	0.300B	0.375B	11.0 A	7.79	3.49	3.00E	1.75	0.614	3.41	0.950B	11
12	1.78B	0.269B	0.303B	0.335B	12.2	8.23	4.29	2.95E	1.49	0.541	7.46	0.930B	12
13	1.68B	0.290B	0.305B	0.305B	14.0	8.05	5.40	2.70E	1.37	0.481	4.63	0.915B	13
14	1.58B	0.345B	0.308B	0.285B	16.2	8.49	5.02	2.55E	1.30	0.491	3.72	0.895B	14
15	1.52B	0.410B	0.310B	0.280B	19.3	8.70	4.12	2.35E	1.30	0.648	3.09	0.870B	15
16	1.47B	0.480B	0.312B	0.285B	18.3	9.20	3.71	2.20E	1.49	2.39	2.69	0.860B	16
17	1.42B	0.600B	0.315B	0.300B	16.0	7.18	3.89	2.05E	1.58	1.73	2.38	0.850B	17
18	1.38B	0.700B	0.319B	0.330B	16.8	6.14	4.19	1.98E	1.39	1.29	2.15 B	0.850B	18
19	1.39B	0.800B	0.325B	0.370B	18.8	6.24	5.37	2.17E	0.920	1.09	1.93 B	0.840B	19
20	1.40B	0.850B	0.328B	0.450B	20.3	6.91	4.30	2.10E	0.694	0.938	1.85 B	0.830B	20
21	1.58B	0.855B	0.338B	0.570B	21.8	6.75	3.71	2.02E	0.649	0.964	1.68 B	0.815B	21
22	1.76B	0.830B	0.350B	0.760B	23.7	6.18	3.39	1.98E	0.552	0.730	1.49 B	0.810B	22
23	1.88B	0.750B	0.368B	1.30 B	20.6	6.80	3.04	2.00E	0.545	0.674	1.39 B	0.805B	23
24	1.96B	0.600B	0.385B	15.0 B	20.2	8.63	2.87	2.05E	0.471	0.898	1.30 B	0.800B	24
25	1.99B	0.450B	0.405B	15.5 B	21.3	8.11	2.75A	2.19E	0.468A	1.48	1.20 B	0.795B	25
26	2.00B	0.380B	0.435B	11.0 E	25.0	8.02	2.95E	2.47E	0.394A	1.62	1.12 B	0.780B	26
27	1.75B	0.345B	0.475B	7.00 E	17.6	6.88	3.30E	2.25E	0.368A	1.15	1.05 B	0.775B	27
28	1.55B	0.325B	0.510B	5.35 E	14.0	6.73	3.50E	2.05E	0.360A	1.48	1.01 B	0.765B	28
29	1.37B		0.580B	5.90 E	14.4	8.45	3.65E	1.70E	0.485	1.29	0.980B	0.740B	29
30	1.19B		0.700B	7.30 E	16.0	8.86	3.70E	1.36E	0.453A	1.22	0.960B	0.720B	30
31	1.03B		0.860B		19.4		3.68A	1.55E		3.54		0.705B	31
TOTAL	71.25	14.314	11.546	84.435	467.35	269.70	135.30	74.39	36.849	33.023	88.340	26.880	TOTAL
MEAN	2.30	0.511	0.372	2.81	15.1	8.82	4.36	2.40	1.23	1.07	2.94	0.867	MEAN
MAX	6.60	0.860	0.860	15.5	25.0	15.2	8.28	3.50	2.20	3.54	7.46	0.980	MAX
MIN	1.03	0.268	0.300	0.280	6.60	6.14	2.75	1.36	0.360	0.481	0.960	0.705	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 25.0 ON MAY 26
MINIMUM DAILY, 0.268B ON FEB 11
MAXIMUM INSTANTANEOUS,
27.0 AT 05:50 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 48 N
LONG 120 58 35 W
DRAINAGE AREA, 134 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 160	JUL	11 700
FEB	1 240	AUG	6 430
MAR	998	SEP	3 180
APR	7 300	OCT	2 850
MAY	40 400	NOV	7 630
JUN	22 900	DEC	2 320

TOTAL DISCHARGE, 113 000 dam³

MURRAY CREEK AT 216 STREET, LANGLEY - STATION NO. 08MH129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.945	0.466	0.385	1.19	0.381	0.076	0.120	0.019	0.054	0.871	---	1.63	1
2	0.710	0.401	0.335	0.793	0.393	0.064	0.075	0.018	0.026	0.435	---	---	2
3	0.589	0.352	1.18	0.804	0.703	0.076	0.049	0.019	0.022	0.534	---	---	3
4	0.512	0.310	0.833	0.757	1.47	0.085	0.033	0.021	0.023	0.267	---	---	4
5	0.460	0.279	0.517	4.45	0.514	1.95	0.024	0.015	0.023	0.245	---	---	5
6	0.429	0.253	0.422	0.968	0.373	1.35	0.019	0.016	0.019	1.40	---	---	6
7	0.394	0.239	0.361	0.575	0.826	0.375	0.126	0.015	0.016	2.26	---	---	7
8	0.373	0.254	0.324	0.903	0.727	0.611	0.075	0.015	0.015	0.537	---	---	8
9	0.380	0.237	0.278	0.621	0.899	1.02	0.029	0.015	0.016	0.873	---	---	9
10	0.357	0.145B	0.250	0.472	0.445	4.53	0.022	0.016	0.017	0.418	---	---	10
11	0.314	0.153B	0.227	0.641	0.467	1.40	0.021	0.016	0.015	0.240	---	---	11
12	0.294	1.74	0.212	1.44	0.297	0.737	0.017	0.018	0.014	0.172	---	---	12
13	0.276	2.50	0.196	0.862	0.227	2.27	0.015	0.017	0.012	0.137	---	---	13
14	0.257	2.43	0.181	0.488	0.211	0.671	0.018	0.018	0.011	0.111	---	---	14
15	0.237	3.38	0.242	0.398	0.189	0.358	0.015	0.019	0.012	0.090	---	---	15
16	0.223	4.63	0.743	0.356	0.156	0.370	0.013	0.018	0.011	0.078	---	---	16
17	0.226	3.14	0.363	0.271	0.143	0.231	0.013	0.019	0.011	0.071	---	0.487	17
18	0.452	3.03	0.287	0.237	0.141	1.51	0.084	0.017	0.010	0.064	---	---	18
19	0.431	2.92	0.230	0.202	0.175	1.65	0.275	0.018	0.010	0.065	---	---	19
20	0.348	1.62	0.198	0.179	0.164	0.577	0.213	0.020	0.015	0.064	---	---	20
21	0.619	2.71	0.179	0.300	0.138	0.526	0.113	0.022	0.027	0.053	---	---	21
22	0.752	1.04	0.306	4.63	0.106	1.03	0.065	0.020	0.019	0.047	---	---	22
23	1.36	0.738	1.13	1.34	0.085	0.788	0.045	0.021	0.016	0.046	---	---	23
24	0.706	0.800	0.622	1.15	0.133	0.351	0.028	0.021	0.060	0.036	---	---	24
25	0.563	1.21	1.07	0.554	0.931	0.202	0.024	0.028	0.023	0.032	---	---	25
26	0.999	0.790	0.553	0.403	0.343	0.140	0.020	0.029	0.020	0.070	---	---	26
27	0.791	0.570	0.416	0.515	0.197	0.103	0.019	0.026	0.025	0.370	---	---	27
28	0.810	0.454	0.538	1.99	0.142	0.074	0.018	0.022	0.126	2.47	---	---	28
29	1.13		4.27	1.03	0.103	0.114	0.027	0.022	0.040	1.04	---	---	29
30	0.806		3.21	0.587	0.131	0.118	0.025	0.025	0.033	1.43	---	---	30
31	0.563		3.34		0.113		0.022	0.037		4.64		---	31
TOTAL	17.306	36.791	23.398	29.106	11.323	23.357	1.662	0.622	0.741	19.166	---	---	TOTAL
MEAN	0.558	1.31	0.755	0.970	0.365	0.779	0.054	0.020	0.025	0.618	---	---	MEAN
MAX	1.36	4.63	4.27	4.63	1.47	4.53	0.275	0.037	0.126	4.64	---	---	MAX
MIN	0.223	0.145	0.179	0.179	0.085	0.064	0.013	0.015	0.010	0.032	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.64 ON OCT 31
MINIMUM DAILY, 0.010 ON SEP 18
MAXIMUM INSTANTANEOUS,
13.2 AT 20:20 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 21 N
LONG 122 37 27 W
DRAINAGE AREA, 26.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 500	JUL	144
FEB	3 180	AUG	53.7
MAR	2 020	SEP	64.0
APR	2 510	OCT	1 660
MAY	978	NOV	---
JUN	2 020	DEC	---

MURRAY RIVER ABOVE WOLVERINE RIVER - STATION NO. 07FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.4B	20.4B	23.9B	24.4B	81.0E	330 E	118	66.5	26.7	16.4	58.8	29.0 B	1
2	21.6B	20.5B	23.9B	24.2B	93.0E	280 A	107	61.2	34.7	35.0	54.4	28.9 B	2
3	21.2B	20.5B	23.7B	24.3B	91.0E	258	109	56.7	34.8	30.4	45.4	27.3 B	3
4	21.1B	20.4B	23.3B	24.6B	89.0E	245	117	53.8	30.0	25.3	46.1	24.5 B	4
5	21.0B	20.1B	23.1B	24.6B	98.0A	219	105	51.0	26.2	22.1	44.5	20.5 B	5
6	20.5B	19.7B	23.0B	24.3B	108	188	91.7	49.5	23.8	20.1	41.7	18.0 B	6
7	20.0B	19.6B	23.1B	24.1B	115	173	85.3	49.7	25.9	19.0	39.9	16.2 B	7
8	19.4B	19.3B	23.3B	23.9B	140	153	76.7	48.9	29.5	17.9	36.4	14.9 B	8
9	19.2B	19.3B	23.8B	23.5B	163	139	68.2	47.1	31.1	17.7	37.0	14.0 B	9
10	19.2B	19.5B	24.7B	23.2B	175	137	62.1	46.1	32.1	17.3	44.2	13.5 B	10
11	19.4B	19.8B	25.3B	23.0B	166 A	137	58.3	46.3	30.5	16.9	43.8	12.9 B	11
12	19.6B	20.3B	25.5B	22.9B	153 E	148	59.8	46.5	27.0	15.9	54.0	12.4 B	12
13	19.5B	21.1B	25.8B	22.9B	175 E	153	72.1	46.1	23.4	15.3	60.7	11.6 B	13
14	19.3B	21.9B	26.0B	23.0B	208 E	150	85.0	41.9	20.7	14.6	53.0	11.8 B	14
15	18.8B	22.6B	25.9B	23.0B	265 E	149	88.6	39.3	19.0	14.4	46.2	12.5 B	15
16	18.4B	23.0B	25.7B	23.5B	258 E	151	81.2	37.8	19.1	17.8	41.3	13.4 B	16
17	18.2B	23.1B	25.5B	24.0B	260 E	148	76.4	37.2	21.5	26.3	38.0B	14.4 B	17
18	18.0B	23.2B	25.0B	25.8B	270 E	125	78.2	34.8	23.8	27.0	36.0B	15.4 B	18
19	18.0B	23.1B	24.2B	29.0E	290 E	113	83.5	33.2	25.0	25.4	36.2B	16.0 B	19
20	18.1B	23.0B	23.8B	35.0E	322 E	112	90.2	32.8	24.4	23.1	36.8B	16.1 B	20
21	19.0B	22.8B	23.7B	38.5E	362 E	110	90.3	32.7	20.8	21.6	33.0B	15.2 B	21
22	22.8B	22.4B	23.8B	43.0E	423 E	105	84.4	32.2	18.3	19.6	29.5B	14.6 B	22
23	25.5B	22.1B	24.0B	58.0E	395 E	99.1	79.9	31.8	16.5	19.0	29.0B	14.3 B	23
24	25.0B	22.1B	24.4B	95.5A	370 E	102	79.6	31.3	15.2	17.9	29.8B	14.5 B	24
25	23.1B	22.3B	24.6B	76.0E	362 E	102	72.8	32.1	14.7	17.6	29.1B	15.1 B	25
26	21.9B	22.5B	24.9B	49.0E	418 E	102	66.5	36.8	13.9	19.5	28.0B	14.8 B	26
27	21.1B	23.0B	25.0B	44.0E	380 E	101	66.7	38.0	13.1	21.0	28.7B	13.9 B	27
28	20.6B	23.5B	25.1B	45.0E	315 E	95.2	67.5	37.2	12.5	20.3	30.9B	12.8 B	28
29	20.3B		25.0B	50.2E	285 E	95.6	73.5	34.5	12.6	20.4	29.2B	11.8 B	29
30	20.3B		24.9B	58.0E	290 E	120	82.7	29.1	13.3	20.5	27.0B	10.7 B	30
31	20.4B		24.6B		305 E		74.6	26.1		23.6		9.40B	31
TOTAL	632.9	601.1	758.5	1 050.4	7 425.0	4 535.9	2 551.8	1 288.2	680.1	638.9	1 188.6	490.40	TOTAL
MEAN	20.4	21.5	24.5	35.0	240	151	82.3	41.6	22.7	20.6	39.6	15.8	MEAN
MAX	25.5	23.5	26.0	95.5	423	330	118	66.5	34.8	35.0	60.7	29.0	MAX
MIN	18.0	19.3	23.0	22.9	81.0	95.2	58.3	26.1	12.5	14.4	27.0	9.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.8
MAXIMUM DAILY, 423E ON MAY 22
MINIMUM DAILY, 9.40B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 03 55 N
LONG 121 01 00 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 700	JUL	220 000
FEB	51 900	AUG	111 000
MAR	65 500	SEP	58 800
APR	90 800	OCT	55 200
MAY	642 000	NOV	103 000
JUN	392 000	DEC	42 400

TOTAL DISCHARGE, 1 890 000 dam³

MURRAY RIVER NEAR THE MOUTH - STATION NO. 07FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.8B	26.6B	31.2B	30.9B	92.0E	592	162	93.1	29.4	22.0	45.1	34.8B	1
2	29.0B	26.8B	30.8B	30.4B	112 E	519	146	83.1	27.8	28.7	79.9	35.1B	2
3	29.0B	26.9B	30.0B	30.1B	110 E	438	140	74.1	30.7	46.3	72.0	35.0B	3
4	29.1B	26.8B	29.9B	30.2B	106 E	400	149	69.5	38.8	40.1	63.1	32.5B	4
5	28.3B	26.5B	29.8B	30.5B	111 E	363	146	65.2	39.0	35.1	67.1	29.8B	5
6	27.1B	26.0B	29.9B	30.9B	123 E	311	126	62.2	34.5	32.0	64.2	27.6B	6
7	26.4B	25.5B	30.0B	30.8B	150 E	281	111	60.2	31.1	30.2	61.6	25.2B	7
8	26.1B	25.3B	30.1B	30.3B	195 E	249	100	58.5	29.3	28.2	58.2	23.0B	8
9	26.1B	25.3B	31.4B	30.0B	222 E	222	89.7	55.5	28.2	26.8	54.9	21.6B	9
10	26.4B	25.4B	32.6B	29.8B	240 E	212	81.2	53.0	31.1	26.9	58.7	20.4B	10
11	26.5B	26.0B	33.4B	29.5B	220 E	209	74.4	51.3	33.9	26.7	66.0	19.5B	11
12	26.5B	26.8B	34.2B	29.0B	212 E	230	71.8	51.5	35.6	25.8	66.4	18.8B	12
13	26.2B	28.4B	34.4B	29.0B	280 E	244	79.5	50.6	35.9	25.1	86.1	18.4B	13
14	25.5B	29.5B	34.3B	29.1B	355 E	242	99.6	48.2	33.1	23.6	83.9	17.9B	14
15	24.8B	30.1B	34.0B	29.2B	426 A	236	110	43.7	28.9	22.8	75.0	18.5B	15
16	24.4B	30.2B	33.6B	30.5B	417	233	104	41.3	26.1	22.4	64.2B	19.8B	16
17	24.2B	30.6B	32.6B	32.8B	410 A	230	95.4	39.4	24.1	26.9	58.0B	21.0B	17
18	24.3B	30.4B	31.5B	35.7B	431 E	203	91.3	37.4	24.1	37.3	49.8B	22.8B	18
19	24.5B	30.1B	30.4B	41.8E	451 A	182	95.5	35.0	26.9	37.7	46.0B	24.0B	19
20	24.7B	30.0B	30.1B	49.0E	487	171	105	33.5	30.1	34.9	46.7B	24.0B	20
21	26.0B	29.5B	30.0B	52.0E	524	165	114	32.5	31.5	32.8	44.3B	23.0B	21
22	31.0B	28.8B	30.1B	60.0E	601	156	106	32.4	29.9	31.2	40.0B	22.1B	22
23	34.8B	28.6B	30.2B	80.0E	644	147	102	31.9	26.5	29.7	37.0B	21.7B	23
24	32.5B	28.6B	30.6B	119 E	569	143	107	31.7	24.3	28.8	37.5B	21.7B	24
25	28.5B	29.2B	31.1B	102 E	546	145	99.9	30.7	22.8	27.4	37.0B	22.4B	25
26	27.6B	30.0B	31.3B	87.0E	610	141	90.6	34.3	23.1	27.1	35.5B	22.1B	26
27	27.0B	30.6B	31.6B	71.0E	631	142	83.7	38.5	22.6	30.1	35.2B	21.3B	27
28	26.5B	31.2B	31.7B	67.8E	510	138	83.7	38.6	21.5	31.3	36.8B	19.5B	28
29	26.4B		31.6B	72.0E	430	130	89.3	39.1	21.1	30.1	35.7B	17.9B	29
30	26.3B		31.3B	82.5E	419	145	113	36.5	21.2	30.0	34.0B	16.1B	30
31	26.5B		31.1B		458		108	32.5		30.8		15.0B	31
TOTAL	842.0	789.7	974.8	1 432.8	11 092.0	7 219	3 274.6	1 485.0	863.1	928.8	1 639.9	712.5	TOTAL
MEAN	27.2	28.2	31.4	47.8	358	241	106	47.9	28.8	30.0	54.7	23.0	MEAN
MAX	34.8	31.2	34.4	119	644	592	162	93.1	39.0	46.3	86.1	35.1	MAX
MIN	24.2	25.3	29.8	29.0	92.0	130	71.8	30.7	21.1	22.0	34.0	15.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.6
MAXIMUM DAILY, 644 ON MAY 23
MINIMUM DAILY, 15.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
665 AT 16:48 PST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 34 15 N
LONG 121 11 19 W
DRAINAGE AREA, 5 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 700	JUL	283 000
FEB	68 200	AUG	128 000
MAR	84 200	SEP	74 600
APR	124 000	OCT	80 200
MAY	958 000	NOV	142 000
JUN	624 000	DEC	61 600

TOTAL DISCHARGE, 2 700 000 dam³

MURTLE RIVER ABOVE DAWSON FALLS - STATION NO. 08LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.4E	24.4B	16.3E	15.3	37.2	200	110	71.7	31.1	23.2	29.2	25.0	1
2	34.8E	22.7B	16.2E	15.2	39.1	196	108	69.8	31.6	24.8	32.2	24.3	2
3	33.4E	22.1B	16.2E	15.2	37.6	195	109	67.3	30.4	25.3	33.2	24.9	3
4	32.6E	21.4B	16.1E	14.7	37.4	197	111	65.3	31.7	25.4	33.4	26.0	4
5	31.4E	21.0B	15.9E	14.6	39.1	195	111	63.2	32.0	25.5	33.1	22.8	5
6	30.6E	20.5B	15.3E	14.2	39.9	194	110	61.3	31.0	25.9	33.1	22.3	6
7	28.9E	20.0B	15.0E	13.9	40.5	189	109	59.3	30.3	29.5	32.7	22.1	7
8	27.8A	19.3B	14.7E	13.9	41.5	181	104	57.8	29.5	29.8	32.5	22.5A	8
9	27.8	18.8B	14.4E	13.8	45.3	173	100	56.1	29.0	30.0	32.2	21.8B	9
10	27.2	18.2B	14.5E	14.0	48.0	164	95.2	54.3	28.7	30.3	31.6	21.0B	10
11	27.9	17.8B	14.9A	13.7	49.6	158	91.8	52.6	27.8	30.0	31.0	20.1B	11
12	27.3	17.6B	14.7	13.6	50.7	150	88.8	50.4	26.7	29.8	32.2	19.6B	12
13	25.2	17.3B	14.6	13.3	54.5	146	86.1	49.0	26.1	29.1	32.7	19.2B	13
14	24.5B	17.0B	14.4	13.2	58.4	144	84.9	47.5	25.5	28.8	32.4	18.7B	14
15	23.8B	17.3E	14.2	13.1	63.2	141	85.2	45.9	24.7	28.6	32.6	18.1B	15
16	22.9B	17.6E	14.9	13.3	68.1	142	84.8	44.6	23.8	28.0	32.3	17.7B	16
17	22.0B	18.2E	14.7	13.8	75.3	142	83.7	42.9	23.1	27.7	32.1	17.1B	17
18	21.0B	18.6E	14.4	14.5	81.6	139	83.2	41.6	22.6	27.5	31.3	17.0B	18
19	20.2B	18.8E	14.3	15.8	88.8	138	83.4	39.9	22.5	26.7	30.8	16.9B	19
20	19.9B	19.0E	13.9	17.7	99.8	136	84.0	38.9	22.3	26.1	30.1	16.9B	20
21	21.3	19.0E	13.8	19.5	114	132	85.1	38.1	22.0	25.4	29.7	16.7B	21
22	21.9E	19.1E	13.7	21.3	127	129	85.6	36.7	21.5	24.8	29.5	16.4B	22
23	22.4E	19.1E	13.6	22.8	138	127	84.5	35.5	21.5	24.1	28.9	16.3B	23
24	24.1E	19.2E	13.5	27.3	147	124	84.3	34.2	21.8	23.6	28.0	15.9B	24
25	25.9E	19.0E	13.7	27.3	160	121	81.8	32.8	21.6	23.1	27.4	15.9B	25
26	26.6E	18.5E	14.2	25.6	192	118	79.6	31.5	21.2	23.4	26.7	16.0B	26
27	26.9E	17.6E	14.1	25.5	192	118	78.1	30.8	20.8	23.3	25.7	15.6B	27
28	27.2E	17.2E	14.3	27.4	186	115	78.2	30.3	20.9	25.4	25.1	15.0B	28
29	26.8E		15.7	28.8	183	113	77.0	29.9	21.1	27.0	25.1	14.8B	29
30	26.1E		16.1	30.4	190	111	74.7	29.1	21.7	27.1	24.6	14.5B	30
31	24.9B		15.8		206		73.3	28.8		27.7		14.6B	31
TOTAL	818.7	536.3	458.1	542.7	2 930.6	4 528	2 805.3	1 137.1	764.5	826.9	911.4	585.7	TOTAL
MEAN	26.4	19.2	14.8	18.1	94.5	151	90.5	46.4	25.5	26.7	30.4	18.9	MEAN
MAX	35.4	24.4	16.3	30.4	206	200	111	71.7	32.0	30.3	33.4	26.0	MAX
MIN	19.9	17.0	13.5	13.1	37.2	111	73.3	28.8	20.8	23.1	24.6	14.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.0
MAXIMUM DAILY, 206 ON MAY 31
MINIMUM DAILY, 13.1 ON APR 15
MAXIMUM INSTANTANEOUS,
208 AT 05:40 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 46 N
LONG 120 06 13 W
DRAINAGE AREA, 1 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	70 700	JUL	242 000
FEB	46 300	AUG	124 000
MAR	39 600	SEP	66 100
APR	46 900	OCT	71 400
MAY	253 000	NOV	78 700
JUN	391 000	DEC	50 600

TOTAL DISCHARGE, 1 480 000 dam³

MUSKEG RIVER NORTH OF JOANNE LAKE - STATION NO. 08KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.83B	0.970B	0.935B	1.49B	9.70E	3.55 E	0.660	0.282	0.253E	0.359E	0.540E	0.825B	1
2	1.79B	0.950B	0.950B	1.58B	9.55E	3.60 E	0.593	0.274	0.255E	0.357E	0.585E	0.825B	2
3	1.74B	0.930B	0.970B	1.69B	9.50E	3.52 E	0.670	0.257	0.265E	0.385E	0.610E	0.830B	3
4	1.69B	0.915B	0.995B	1.78B	9.60E	3.25 E	0.610	0.239	0.276E	0.425E	0.630E	0.845B	4
5	1.66B	0.910B	1.00 B	1.84B	9.75E	3.05 E	0.541	0.248	0.278E	0.455E	0.642E	0.850B	5
6	1.62B	0.895B	1.02 B	1.89B	9.90E	2.83 E	0.486	0.288	0.278E	0.468E	0.645E	0.850B	6
7	1.58B	0.885B	1.04 B	1.88B	9.95E	2.65 E	0.472	0.364	0.280E	0.481E	0.645E	0.845B	7
8	1.54B	0.870B	1.05 B	1.87B	9.95E	2.45 E	0.464	0.395	0.280E	0.484E	0.645B	0.835B	8
9	1.52B	0.855B	1.06 B	1.82B	9.80E	2.32 E	0.494	0.347	0.280E	0.485E	0.655B	0.825B	9
10	1.48B	0.840B	1.07 B	1.79B	9.65E	2.19 E	0.481	0.347	0.278E	0.484E	0.665B	0.815B	10
11	1.46B	0.825B	1.08 B	1.74B	9.50E	2.02 E	0.491	0.318	0.273E	0.480E	0.695B	0.805B	11
12	1.42B	0.810B	1.08 B	1.72B	9.30E	1.90 E	0.466	0.287	0.269E	0.475E	0.725B	0.800B	12
13	1.37B	0.795B	1.09 B	1.70B	9.10E	1.83 E	0.452	0.289	0.266E	0.465E	0.760B	0.790B	13
14	1.32B	0.785B	1.10 B	1.70B	9.00E	1.78 E	0.405	0.300	0.264E	0.455E	0.840B	0.780B	14
15	1.28B	0.785B	1.10 B	1.72B	8.75E	1.72 E	0.371	0.289	0.263E	0.445E	0.830B	0.770B	15
16	1.24B	0.790B	1.11 B	1.75B	8.65E	1.69 E	0.380	0.297	0.263E	0.435E	0.810B	0.765B	16
17	1.21B	0.820B	1.12 B	1.85B	8.45E	1.67 E	0.381	0.290	0.263E	0.425E	0.870B	0.762B	17
18	1.20B	0.870B	1.13 B	2.00B	8.00E	1.63 E	0.372	0.295	0.263A	0.419E	0.915B	0.762B	18
19	1.23B	0.885B	1.14 B	2.35B	7.36A	1.61 E	0.356	0.288	0.257A	0.412E	0.890B	0.760B	19
20	1.39B	0.890B	1.14 B	2.95B	6.32A	1.57 E	0.340	0.283	0.263A	0.405E	0.900B	0.760B	20
21	1.42B	0.900B	1.14 B	3.40B	5.49A	1.53 E	0.318	0.286	0.293A	0.400E	0.955B	0.760B	21
22	1.41B	0.905B	1.15 B	4.38B	5.20E	1.46 E	0.310	0.284	0.314A	0.395E	0.980B	0.760B	22
23	1.37B	0.905B	1.16 B	5.30B	5.00E	1.39 E	0.312	0.290	0.328E	0.390E	0.940B	0.760B	23
24	1.32B	0.910B	1.18 B	6.90B	4.75E	1.32 E	0.305	0.279	0.333E	0.388E	0.875B	0.758B	24
25	1.27B	0.910B	1.20 B	8.20B	4.50E	1.21 A	0.297	0.275	0.332E	0.389E	0.855B	0.753B	25
26	1.21B	0.910B	1.22 B	9.20E	4.30E	1.14	0.292	0.270	0.329E	0.392E	0.840B	0.745B	26
27	1.18B	0.915B	1.25 B	9.90E	4.05E	1.11	0.274	0.280	0.327E	0.398E	0.835B	0.735B	27
28	1.15B	0.915B	1.28 B	10.8 E	3.85E	1.08	0.269	0.278	0.327E	0.405E	0.830B	0.720B	28
29	1.12B		1.32 B	10.7 E	3.70E	0.971	0.268	0.260A	0.330E	0.420E	0.825B	0.705B	29
30	1.05B		1.37 B	10.2 E	3.55E	0.818	0.283	0.255E	0.350E	0.440E	0.825B	0.695B	30
31	1.00B		1.42 B		3.50E		0.289	0.252E		0.475E		0.685B	31
TOTAL	43.07	24.545	34.870	116.09	229.67	58.859	12.702	8.986	8.630	13.291	23.257	24.175	TOTAL
MEAN	1.39	0.877	1.12	3.87	7.41	1.96	0.410	0.290	0.288	0.429	0.775	0.780	MEAN
MAX	1.83	0.970	1.42	10.8	9.95	3.60	0.670	0.395	0.350	0.485	0.980	0.850	MAX
MIN	1.00	0.785	0.935	1.49	3.50	0.818	0.268	0.239	0.253	0.357	0.540	0.685	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.64
MAXIMUM DAILY, 10.8E ON APR 28
MINIMUM DAILY, 0.239 ON AUG 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 19 N
LONG 123 14 14 W
DRAINAGE AREA, 303 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 720	JUL	1 100
FEB	2 120	AUG	776
MAR	3 010	SEP	746
APR	10 000	OCT	1 150
MAY	19 800	NOV	2 010
JUN	5 090	DEC	2 090

TOTAL DISCHARGE, 51 600 dam³

MUSKWA RIVER NEAR FORT NELSON - STATION NO. 10CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.0B	24.6B	22.0B	22.0B	89.0E	1 230	397	335	486	109 E	78.0B	45.5B	1
2	28.0B	24.5B	22.4B	22.1B	93.8E	1 070	381	347	461	105 E	75.0B	45.0B	2
3	29.2B	24.9B	22.5B	22.2B	102 E	927	379	331	426	101 E	76.5B	43.0B	3
4	28.3B	24.9B	22.0B	22.1B	122 E	821A	408	311	377	97.2E	75.7B	43.5B	4
5	28.3B	24.7B	21.9B	22.0B	144 E	795A	387	295	335	96.4E	76.4B	44.3B	5
6	28.2B	24.5B	22.1B	21.7B	190 E	710E	347	282	304	96.1A	76.4B	42.0B	6
7	28.0B	23.8B	22.4B	21.4B	225 E	640E	321	273	278	94.9	74.5B	37.5B	7
8	27.7B	23.4B	22.6B	21.3B	262 E	570E	297	272	267	96.6	67.5B	37.7B	8
9	27.4B	22.9B	22.8B	21.4B	300 E	500E	275	268	296	97.1	64.8B	37.5B	9
10	27.2B	22.7B	23.1B	21.5B	297 E	437A	258	265	302	94.5	65.0B	35.8B	10
11	27.2B	22.6B	23.3B	21.2B	288 E	437	242	265	286	92.6	67.2B	32.5B	11
12	27.5B	22.5B	23.4B	21.0B	280 E	434	242	261	264	89.7	67.2B	29.5B	12
13	27.5B	22.5B	23.4B	20.9B	282 E	429	287	253	243	87.2	64.0B	29.2B	13
14	27.3B	22.5B	23.4B	20.9B	290 E	416	347	241	220	88.1	57.0B	31.0B	14
15	26.9B	22.5B	23.2B	20.9B	310 E	443	383	225	203	93.5	52.0B	31.6B	15
16	26.6B	22.6B	23.0B	20.9B	290 E	545	378	215	189	106	49.5B	31.7B	16
17	26.5B	22.3B	22.7B	21.0B	305 E	530	364	208	181	115	49.5B	33.0B	17
18	26.6B	22.0B	22.4B	21.1B	350 E	515	374	201	180	117	50.0B	37.0B	18
19	27.0B	22.2B	22.1B	21.4B	460 E	492	396	195	181	116	51.2B	39.5B	19
20	27.1B	22.4B	21.9B	22.3B	585 E	489	416	186	185	112	50.5B	40.0B	20
21	27.3B	22.4B	21.9B	24.5B	700 E	492	457	183	183	103	48.0B	37.7B	21
22	27.5B	22.4B	22.0B	27.5B	860 E	488	490	181	170	93.3	44.7B	35.0B	22
23	27.6B	22.4B	22.2B	31.2B	1 000 E	487	523	175	160	95.9	42.7B	32.5B	23
24	27.5B	22.7B	22.3B	36.8B	1 050 E	489	485	172	155A	101	42.7B	32.4B	24
25	27.3B	22.8B	22.5B	41.0B	1 030 E	511	435	171	148E	111	43.0B	34.5B	25
26	27.1B	22.9B	22.5B	47.0E	1 400 E	535	402	178	140E	106	44.5B	32.1B	26
27	26.8B	22.7B	22.5B	55.0E	1 800 E	505	381	224	134E	90.2	47.0B	28.0B	27
28	26.3B	22.4B	22.7B	64.0E	1 890 A	466	369	489	127E	82.0B	49.0B	25.0B	28
29	25.7B		22.7B	76.0E	1 450	437	356	896	120E	75.7B	47.3B	23.7B	29
30	24.7B		22.5B	86.0E	1 180	413	350	675	113E	79.0B	45.2B	24.0B	30
31	24.6B		22.4B		1 280		337	539		81.8B		22.8B	31
TOTAL	841.9	645.7	698.8	918.3	18 904.8	17 253	11 464	9 112	7 114	3 023.8	1 742.0	1 074.5	TOTAL
MEAN	27.2	23.1	22.5	30.6	610	575	370	294	237	97.5	58.1	34.7	MEAN
MAX	28.3	24.9	23.4	86.0	1 890	1 230	523	896	486	117	78.0	45.5	MAX
MIN	24.6	22.0	21.9	20.9	89.0	413	242	171	113	75.7	42.7	22.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 199
MAXIMUM DAILY, 1 890A ON MAY 28
MINIMUM DAILY, 20.9B ON APR 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 47 18 N
LONG 122 39 33 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72 700	JUL	990 000
FEB	55 800	AUG	787 000
MAR	60 400	SEP	615 000
APR	79 300	OCT	261 000
MAY	1 630 000	NOV	151 000
JUN	1 490 000	DEC	92 800

TOTAL DISCHARGE, 6 290 000 dam³

NADINA LAKE NEAR NORALEE - STATION NO. 08JB007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.869	0.671	0.579	0.503	0.826	1.387	0.957	0.817	0.640	0.640	0.710	0.704	1
2	0.853	0.664	0.573	0.512	0.875	1.356	0.963	0.799	0.631	0.680	0.732	0.707	2
3	0.838	0.661	0.567	0.512	0.914	1.311	0.972	0.786	0.628	0.686	0.738	0.695	3
4	0.823	0.658	0.567	0.518	0.945	1.280	1.000	0.780	0.622	0.689	0.735	0.692	4
5	0.808	0.649	0.558	0.533	0.981	1.234	0.988	0.780	0.616	0.671	0.732	0.692	5
6	0.792	0.643	0.558	0.539	1.036	1.204	0.975	0.786	0.610	0.680	0.732	0.683	6
7	0.777	0.640	0.555	0.549	1.113	1.173	0.951	0.780	0.610	0.686	0.735	0.680	7
8	0.768	0.634	0.555	0.549	1.189	1.143	0.933	0.777	0.610	0.701	0.728	0.671	8
9	0.762	0.628	0.552	0.549	1.265	1.113	0.920	0.771	0.625	0.716	0.735	0.671	9
10	0.756	0.616	0.546	0.555	1.311	1.082	0.887	0.768	0.622	0.725	0.741	0.668	10
11	0.756	0.610	0.543	0.561	1.326	1.082	0.878	0.765	0.619	0.725	0.744	0.655	11
12	0.747	0.610	0.539	0.564	1.326	1.082	0.878	0.756	0.616	0.725	0.783	0.649	12
13	0.722	0.610	0.536	0.564	1.335	1.067	0.878	0.747	0.613	0.707	0.805	0.643	13
14	0.716	0.597	0.530	0.564	1.372	1.058	0.899	0.732	0.610	0.704	0.823	0.634	14
15	0.710	0.597	0.527	0.579	1.463	1.052	0.908	0.716	0.597	0.701	0.829	0.634	15
16	0.701	0.597	0.524	0.579	1.585	1.052	0.914	0.707	0.588	0.713	0.832	0.631	16
17	0.689	0.597	0.518	0.579	1.600	1.030	0.914	0.701	0.579	0.704	0.817	0.628	17
18	0.686	0.597	0.512	0.579	1.570	1.012	0.917	0.689	0.588	0.704	0.814	0.622	18
19	0.686	0.604	0.512	0.579	1.554	1.006	0.930	0.677	0.588	0.704	0.805	0.622	19
20	0.686	0.610	0.503	0.582	1.548	1.000	0.930	0.671	0.579	0.701	0.792	0.616	20
21	0.686	0.610	0.500	0.594	1.570	0.981	0.920	0.668	0.570	0.698	0.792	0.616	21
22	0.689	0.600	0.494	0.610	1.554	0.966	0.914	0.655	0.570	0.686	0.783	0.610	22
23	0.689	0.597	0.491	0.625	1.524	0.960	0.899	0.655	0.561	0.677	0.777	0.604	23
24	0.689	0.597	0.488	0.661	1.509	0.957	0.884	0.649	0.555	0.671	0.756	0.604	24
25	0.689	0.597	0.488	0.689	1.524	0.954	0.887	0.655	0.549	0.677	0.756	0.600	25
26	0.689	0.597	0.482	0.710	1.615	0.948	0.887	0.677	0.543	0.671	0.744	0.600	26
27	0.689	0.588	0.475	0.732	1.600	0.948	0.878	0.671	0.533	0.664	0.722	0.597	27
28	0.689	0.579	0.475	0.762	1.554	0.942	0.866	0.664	0.524	0.671	0.722	0.588	28
29	0.689		0.482	0.771	1.478	0.942	0.850	0.655	0.518	0.664	0.710	0.582	29
30	0.677		0.482	0.786	1.448	0.945	0.841	0.649	0.512	0.655	0.707	0.582	30
31	0.671		0.488		1.417		0.838	0.640		0.692		0.579	31
MEAN	0.732	0.616	0.523	0.600	1.352	1.076	0.911	0.718	0.588	0.690	0.761	0.637	MEAN
MAX	0.869	0.671	0.579	0.786	1.615	1.387	1.000	0.817	0.640	0.725	0.832	0.707	MAX
MIN	0.671	0.579	0.475	0.503	0.826	0.942	0.838	0.640	0.512	0.640	0.707	0.579	MIN

WATER LEVELS IN METRES

MEAN, 0.768
MAXIMUM DAILY, 1.615 ON MAY 26
MINIMUM DAILY, 0.475 ON MAR 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 15 N
LONG 126 58 15 W

NATURAL FLOW

NADINA RIVER AT OUTLET OF NADINA LAKE - STATION NO. 08JB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.47	2.53	1.56	0.685	4.87	25.9	7.61	4.71	2.17	2.09	3.17	3.23	1
2	6.27	2.48	1.56	0.685	5.80	23.8	7.61	4.41	2.05	2.92	3.71	3.28	2
3	5.80	2.44	1.53	0.708B	6.67	21.8	8.18	4.21	1.97	3.02	3.96	3.12	3
4	5.36	2.39	1.52 B	0.731	7.72	19.7	9.11	4.08	1.93	3.02	3.83	3.02	4
5	5.10	2.25	1.51 B	0.753	9.11	18.7	8.44	3.49	1.93	2.87	3.77	3.02	5
6	4.94	2.21	1.50	0.799	10.3	16.7	8.04	3.60	1.89	2.92	3.77	2.92	6
7	4.56	2.17	1.49	0.799	13.0	15.8	7.40	4.41	1.89	2.97	3.77	2.87	7
8	4.33	2.09	1.49	0.799	16.3	14.0	6.57	4.33	1.89	3.07	3.71	2.76	8
9	4.15	2.04B	1.56	0.799	19.9	12.4	6.37	4.21	1.97	3.39	3.83	2.76	9
10	4.02	1.93B	1.39	0.821	22.0	11.9	5.62	4.08	1.97	3.55	3.90	2.71	10
11	3.90	1.82B	1.29 B	0.878	22.4	11.9	5.18	4.08	1.97	3.55	3.90	2.48	11
12	3.60	1.76B	1.35	0.934	22.4	11.9	5.18	3.90	1.97	3.44	4.71	2.44	12
13	3.49	1.71	1.32	0.934	23.0	11.6	5.18	3.71	1.89	3.33	5.45	2.39	13
14	3.33	1.64	1.35	0.934	24.2	11.5	5.80	3.44	1.85	3.23	5.80	2.34	14
15	3.23	1.64	1.32	1.02	31.3	11.3	5.97	3.28	1.74	3.07	5.97	2.34	15
16	3.02	1.60	1.28	1.02	33.4	11.2	6.17	2.97	1.71	3.23	5.97	2.30	16
17	2.87	1.56	1.28	1.02	37.6	10.2	6.17	2.71	1.71	3.17	5.62	2.30	17
18	2.76	1.56	1.28	1.02	35.5	9.93	6.37	2.62	1.71	3.17	5.45	2.17	18
19	2.76	1.64	1.26 B	1.02	34.5	9.79	6.77	2.53	1.71	3.23	5.27	2.21	19
20	2.76	1.71	1.26 B	1.08	33.8	9.51	6.77	2.48	1.60	3.17	5.27	2.09	20
21	2.76	1.71	1.25	1.18	35.5	8.84	6.37	2.39	1.60	3.02	5.27	2.09	21
22	2.76	1.64	1.21	1.28	34.2	8.44	6.27	2.25	1.56	2.81	4.64	1.97	22
23	2.76	1.70B	1.21	1.42	33.2	8.31	5.71	2.25	1.53	2.76	4.49	1.89	23
24	2.76	1.71	1.18	1.89	32.2	8.18	5.27	2.21	1.49	2.71	4.33	1.89	24
25	2.76	1.71	1.18	2.39	33.2	7.72	5.45	2.30	1.35	2.76	4.27	1.85	25
26	2.76	1.71	1.10	2.76	39.5	7.40	5.45	2.53	1.28	2.66	3.96	1.85	26
27	2.76	1.64	1.10	3.02	37.4	7.29	5.62	2.53	1.35	2.66	3.66	1.81	27
28	2.76	1.60	1.10	3.55	33.2	7.18	6.07	2.44	1.35	2.66	3.60	1.78	28
29	2.76		1.10	3.77	31.1	7.07	6.07	2.34	1.28	2.53	3.39	1.71	29
30	2.66		1.10	4.08	30.1	7.18	6.37	2.21	1.28	2.48	3.28	1.70B	30
31	2.53		0.753		28.0		5.89	2.17		2.97		1.70B	31
TOTAL	112.75	52.59	40.383	42.779	781.37	367.14	199.05	98.87	51.59	92.43	131.72	72.99	TOTAL
MEAN	3.64	1.88	1.30	1.43	25.2	12.2	6.42	3.19	1.72	2.98	4.39	2.35	MEAN
MAX	6.47	2.53	1.56	4.08	39.5	25.9	9.11	4.71	2.17	3.55	5.97	3.28	MAX
MIN	2.53	1.56	0.753	0.685	4.87	7.07	5.18	2.17	1.28	2.09	3.17	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.60
MAXIMUM DAILY, 39.5 ON MAY 26
MINIMUM DAILY, 0.685 ON APR 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 08 N
LONG 126 57 13 W
DRAINAGE AREA, 399 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 740	JUL	17 200
FEB	4 540	AUG	8 540
MAR	3 490	SEP	4 460
APR	3 700	OCT	7 990
MAY	67 500	NOV	11 400
JUN	31 700	DEC	6 310

TOTAL DISCHARGE, 177 000 dam³

NAHATLATCH RIVER BELOW TACHEWANA CREEK - STATION NO. 08HF065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	17.0	12.8	---	110	105	42.9	43.9	59.1	197	17.0	1
2	---	---	16.5	12.4	---	102	101	44.7	28.8	49.3	105	16.4	2
3	---	---	16.0	12.2	---	98.8	120	45.9	20.8	24.8	71.0	15.3	3
4	---	---	15.7	11.9	---	96.8	130	44.0	22.1	18.8	49.5	16.0	4
5	---	---	15.0	13.1	---	92.5	121	40.5	18.8	16.0	38.1	21.2	5
6	---	---	14.3	13.0	---	107	93.8	43.8	17.5	36.2	31.8	19.4	6
7	---	---	14.1	12.2	---	73.8	65.6	53.0	19.4	103	28.3	17.5	7
8	---	---	13.8	12.3	---	63.6	53.1	55.4	21.5	54.6	25.1	16.3	8
9	---	---	13.3	12.3	---	67.0	45.0	55.4	22.7	37.2	22.6	16.7	9
10	---	---	12.9	12.1	---	66.3	51.6	55.6	19.0	27.6	21.3	18.4	10
11	---	---	13.0	12.6	---	58.5	61.8	54.7	17.7	22.9	140	16.2	11
12	---	---	12.8	12.1	---	51.7	66.3	53.1	16.6	19.5	123	14.0	12
13	---	---	13.1	11.5	---	52.6	71.8	49.6	14.6	17.8	70.5	13.3	13
14	---	---	13.1	11.3	---	50.3	81.7	47.2	13.7	17.2	61.3	13.9	14
15	---	---	13.2	11.5	---	54.8	84.3	47.1	15.2	19.8	58.8	---	15
16	---	---	13.7	12.1	---	60.0	92.8	42.6	17.0	22.6	51.1	---	16
17	---	---	13.2	12.2	---	53.8	94.0	40.1	19.2	22.9	41.3	---	17
18	---	---	12.7	12.8	---	47.4	91.7	37.3	20.1	22.1	34.6	---	18
19	---	---	12.4	---	---	52.2	93.7	32.9	20.0	22.6	31.2	---	19
20	---	---	12.2	---	---	62.5	88.6	29.2	15.3	19.0	29.1	---	20
21	---	---	12.2	---	127	53.6	77.2	26.1	15.6	16.1	30.7	---	21
22	---	---	12.8	---	104	56.7	74.4	24.6	15.2	14.9	29.5	---	22
23	---	---	12.7	---	104	59.4	81.4	24.5	14.0	13.9	27.3	---	23
24	---	22.5	12.3	---	156	54.3	85.1	26.8	12.1	13.5	24.7	---	24
25	---	21.7	12.7	---	199	67.7	78.9	24.1	11.0	14.0	22.9	---	25
26	---	20.2	12.6	---	124	91.4	82.3	19.7	10.1	15.6	21.8	---	26
27	---	18.7	12.6	---	96.7	93.2	90.8	17.2	14.0	56.6	19.5	---	27
28	---	17.6	12.5	---	97.9	79.4	85.0	16.2	33.3	128	18.2	---	28
29	---		13.2	---	118	86.1	63.7	17.6	21.4	55.3	17.8	---	29
30	---		12.8	---	165	111	50.4	18.8	16.0	38.2	17.0	---	30
31	---		12.9		128		46.9	17.9		207		---	31
TOTAL	---	---	417.3	---	---	2 174.4	2 528.9	1 148.7	566.6	1 206.1	1 460.0	---	TOTAL
MEAN	---	---	13.5	---	---	72.5	81.6	37.1	18.9	38.9	48.7	---	MEAN
MAX	---	---	17.0	---	---	111	130	55.6	43.9	207	197	---	MAX
MIN	---	---	12.2	---	---	47.4	45.0	16.2	10.1	13.5	17.0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 207 ON OCT 31

MAXIMUM INSTANTANEOUS,
298 AT 18:39 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 121 51 40 W
DRAINAGE AREA, 715 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	218 000
FEB	---	AUG	99 200
MAR	36 100	SEP	49 000
APR	---	OCT	104 000
MAY	---	NOV	126 000
JUN	188 000	DEC	---

NANAIMO RIVER NEAR CASSIDY - STATION NO. 08HB034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	69.5	23.3	31.4	50.9	43.2	11.8	10.9	3.21E	6.23	57.5	412	43.2	1
2	55.1	21.3	27.9	44.4	44.8	11.0	10.1	3.33E	6.71	74.5	182	87.7	2
3	44.2	19.6	25.1	36.9	46.1	11.0	9.21	3.44E	6.33	48.9	93.9	89.3	3
4	36.7	18.3	22.8	30.6	43.3	11.2	8.30	3.47E	6.27	32.8	61.2	74.1	4
5	31.1	17.3	20.1	47.1	38.0	12.8	7.69	3.47E	6.23	28.4	44.7	418	5
6	27.4	16.0	18.3	58.6	32.3	16.9	7.18	3.47E	5.93	65.0	34.8	273	6
7	24.7	15.3	17.1	48.3	30.5	17.4	6.64	3.49E	5.66	98.8	29.2	145	7
8	22.5	14.8	16.1	39.3	28.7	16.6	6.16	3.50E	5.43	110	24.8	95.5	8
9	24.6	14.4	15.7	33.6	26.5	15.5	5.77	3.51E	5.41	84.9	21.2	102	9
10	27.9	13.3	15.2	29.2	24.0	15.0	5.73	3.70E	5.57	56.1	19.0	158	10
11	28.0	11.9	14.7	29.7	21.8	15.0	5.57	3.75E	5.80	39.0	85.4	126	11
12	25.9	11.9	14.2	28.9	19.6	15.2	5.28	3.86E	5.95	28.0	207	84.3	12
13	23.2	16.2	13.6	26.8	18.3	14.9	5.08	4.03E	5.97	21.4	145	62.6	13
14	20.9	72.8	13.0	25.4	17.6	14.0	4.84	4.05E	5.95	17.3	138	54.9	14
15	19.1	212	13.1	26.8	16.5	13.0	4.43	4.07E	5.98	14.8	230	52.6	15
16	17.6	321	13.7	48.3	15.3	12.4	4.23	4.19E	6.00	13.4	188	48.3	16
17	15.9	308	13.6	56.2	14.5	11.9	4.01	4.25E	5.99	12.6	130	44.4	17
18	43.3	259	12.9	48.6	14.1	13.0	3.87	4.39E	6.18	11.5	101	48.6	18
19	91.6	327	12.3	41.5	14.5	21.1	3.79	4.45E	6.36	10.6	78.5	191	19
20	80.3	239	11.8	37.7	14.2	24.6	3.76	4.50E	6.37	10.0	90.3	194	20
21	148	126	11.1	34.2	14.3	25.6	3.62	4.50E	14.4	9.40	183	113	21
22	155	82.2	11.4	40.9	13.5	25.9	3.47	4.54E	21.7	8.80	203	73.0	22
23	109	60.8	12.4	69.5	12.8	26.0	3.21	4.62E	19.2	8.35	160	56.2	23
24	72.2	51.2	13.4	86.9	13.9	24.9	3.15	4.70E	15.8	8.82	103	48.4	24
25	51.2	46.4	17.3	67.8	19.1	21.7	2.95	4.76E	13.7	8.44	70.1	43.8	25
26	43.1	44.3	21.5	46.9	19.1	18.0	2.88E	4.70	12.1	8.30	56.0	40.3	26
27	37.7	40.0	20.8	35.9	17.6	15.3	2.90E	4.73	13.9	22.8	45.9	36.7	27
28	35.5	36.1	18.8	46.1	15.6	13.8	2.92E	4.74	29.4	120	38.2	34.1	28
29	32.3		23.1	49.8	14.5	12.8	3.07E	4.88	30.3	96.7	32.4	31.4	29
30	28.4		28.2	46.8	13.8	11.8	3.17E	4.98	27.5	69.9	28.4	29.2	30
31	25.6		41.3		12.7		3.18E	5.12		383		28.5	31
TOTAL	1 467.5	2 439.4	561.9	1 313.6	690.7	490.1	157.06	128.40	318.32	1 580.01	3 236.0	2 923.1	TOTAL
MEAN	47.3	87.1	18.1	43.8	22.3	16.3	5.07	4.14	10.6	51.0	108	94.3	MEAN
MAX	155	327	41.3	86.9	46.1	26.0	10.9	5.12	30.3	383	412	418	MAX
MIN	15.9	11.9	11.1	25.4	12.7	11.0	2.88	3.21	5.41	8.30	19.0	28.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.9
MAXIMUM DAILY, 418 ON DEC 5
MINIMUM DAILY, 2.88E ON JUL 26
MAXIMUM INSTANTANEOUS,
585 AT 00:45 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 123 53 13 W
DRAINAGE AREA, 684 km²

E - ESTIMATED
REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	127 000	JUL	13 600
FEB	211 000	AUG	11 100
MAR	48 500	SEP	27 500
APR	113 000	OCT	137 000
MAY	59 700	NOV	280 000
JUN	42 300	DEC	253 000

TOTAL DISCHARGE, 1 320 000 dam³

NANIKA RIVER AT OUTLET OF KIDPRICE LAKE - STATION NO. 08ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.3	10.9	8.56	4.44B	12.8	99.8	67.9	51.3	24.8	34.2	17.6	14.9	1
2	23.8	10.8	8.37	4.43B	14.4	93.5	71.6	47.2	25.2	30.8	18.8	14.3	2
3	22.2	10.5	8.08	4.42B	15.2	90.3	81.2	44.9	25.5	23.4	19.0	13.7	3
4	21.0	10.3	7.83	4.41B	16.6	88.0	84.8	44.5	25.1	18.5	18.8	13.6	4
5	20.2	10.0	7.53	4.40B	18.4	83.4	77.3	44.3	24.0	15.7	18.5	13.3	5
6	19.3	9.64	7.20B	4.39B	21.6	79.3	70.0	45.0	24.6	14.4	19.2	12.8	6
7	18.4	9.47	6.95B	4.37B	27.5	73.9	64.0	45.4	26.3	14.9	18.8	12.3	7
8	17.6	9.08	6.70B	4.36B	34.0	67.7	58.0	46.4	27.8	15.9	19.2	11.7	8
9	16.9	8.64	6.50B	4.34B	40.1	63.2	54.5	47.4	29.4	16.3	22.2	11.0	9
10	16.4	8.25	6.30B	4.32B	41.7	61.4	51.9	48.0	29.4	15.9	24.4	10.8	10
11	15.8	8.24	6.13B	4.32B	40.7	64.2	52.6	46.9	29.3	15.1	28.9	10.7	11
12	14.9	8.07	5.96B	4.31B	40.9	65.2	59.1	44.6	27.2	14.2	30.7	10.3	12
13	14.9	8.19	5.77B	4.31B	43.3	64.3	66.5	41.6	25.1	13.8	30.6	9.97	13
14	14.8	8.54	5.60B	4.31B	47.5	66.2	72.1	38.5	23.5	13.8	37.6	9.59	14
15	13.7	9.38	5.45B	4.30B	61.4	68.1	74.0	37.3	22.5	14.6	34.1	9.15	15
16	13.1	9.61	5.35B	4.30B	71.0	66.2	75.1	35.4	22.1	16.8	31.2	8.88	16
17	12.7	9.73	5.25B	4.32B	72.1	62.0	77.1	33.3	22.2	17.6	28.5	8.62	17
18	12.3	10.2	5.15B	4.40B	69.3	58.9	81.2	32.0	23.2	18.2	26.6	8.46	18
19	12.5	10.4	5.05B	4.70B	70.7	58.5	85.8	31.9	23.2	18.4	25.5	8.64	19
20	12.9	10.4	4.95B	5.20B	79.6	57.8	85.7	31.5	21.4	17.5	24.3	8.65	20
21	13.4	10.6	4.88B	6.00B	92.3	56.3	80.8	30.9	19.9	16.7	23.1	8.20	21
22	14.3	10.6	4.82B	6.97	94.2	54.3	75.1	30.6	19.0	16.0	21.7	8.17	22
23	14.7	10.3	4.76B	7.50	91.5	54.9	70.3	30.3	18.0	15.6	20.4	8.05	23
24	14.7	10.2	4.70B	8.27	93.0	56.2	67.7	30.4	17.1	15.5	19.2	7.94	24
25	14.2	9.95	4.65B	9.00	114	57.7	67.7	32.1	16.2	15.7	18.1	7.98	25
26	13.9	9.61	4.56B	9.30	125	59.3	71.5	32.5	15.3	15.5	16.9	7.80	26
27	13.5	9.24	4.53B	9.72	112	59.8	70.3	31.1	14.7	15.2	15.7	7.46	27
28	13.1	8.99	4.51B	10.3	103	59.6	66.0	29.0	14.3	14.9	15.5	7.26	28
29	12.6		4.49B	10.6	99.3	61.7	61.7	27.2	13.8	14.4	14.9	6.99	29
30	11.9		4.47B	11.3	102	65.8	58.9	25.9	15.8	14.3	14.4	6.70	30
31	11.2		4.45B		104		55.1	25.2		16.7		6.61	31
TOTAL	485.8	269.83	179.50	177.31	1 969.1	2 017.5	2 155.5	1 162.6	665.9	530.5	694.4	304.52	TOTAL
MEAN	15.7	9.64	5.79	5.91	63.5	67.3	69.5	37.5	22.2	17.1	23.1	9.82	MEAN
MAX	25.3	10.9	8.56	11.3	125	99.8	85.8	51.3	29.4	34.2	40.7	14.9	MAX
MIN	11.2	8.07	4.45	4.30	12.8	54.3	51.9	25.2	13.8	13.8	14.4	6.61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.1
MAXIMUM DAILY, 125 ON MAY 26
MINIMUM DAILY, 4.30B ON APR 15
MAXIMUM INSTANTANEOUS,
129 AT 03:49 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 50 N
LONG 127 27 10 W
DRAINAGE AREA, 741 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 000	JUL	186 000
FEB	23 300	AUG	100 000
MAR	15 500	SEP	57 500
APR	15 300	OCT	45 800
MAY	170 000	NOV	60 000
JUN	174 000	DEC	26 300

TOTAL DISCHARGE, 916 000 dam³

NASS RIVER ABOVE SHUMAL CREEK - STATION NO. 08DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	294	187B	164	277	549	2 490	1 700	1 350	775	1 200E	504E	311E	1
2	261	176B	158	268	610	2 170	1 640	1 210	744	1 050E	493E	306E	2
3	239	167B	154	259	626	2 090	1 930	1 190	647	814E	472E	292E	3
4	236	159B	146	247	668	2 260	2 090	1 310	575	691E	457E	269E	4
5	229	153B	134	242	769	2 100	1 690	1 400	576	607E	485E	259E	5
6	220	148B	132	230	937	1 820	1 450	1 680	852	548E	1 010E	255E	6
7	219	142B	131	217	1 150	1 710	1 260	1 580	1 170	551E	953E	245E	7
8	220	138B	127	212	1 420	1 570	1 160	1 530	1 350	614E	723E	230E	8
9	211	134B	124	207	1 790	1 430	1 120	1 460	2 410	622E	666E	214E	9
10	210	131B	126	196	1 830	1 370	1 160	1 400	2 970	570E	678E	192E	10
11	220	130B	129	182	1 560	1 470	1 360	1 370	2 930	514E	700E	186E	11
12	230	129B	128	172	1 430	1 620	1 690	1 260	2 460E	472E	997E	186E	12
13	227	128B	124	163	1 420	1 810	1 950	1 110	1 680E	452E	1 030E	179E	13
14	230	155	125	170	1 510	1 940	2 020	1 030	1 310E	456E	836E	169E	14
15	239	179	128	180	1 720	2 040	2 070	1 010	1 500E	525E	725E	164E	15
16	230	183	136	189	1 860	1 930	2 100	1 010	1 890E	778E	650E	164E	16
17	218	173	142	199	1 910	1 710	2 110	940	1 600E	782E	592E	170E	17
18	209	173	138	202	1 940	1 530	2 180	865	1 520E	713E	542E	174E	18
19	212	185	136	205	2 050	1 540	2 390	861	1 490E	855E	507E	175E	19
20	253	190	136	225	2 170	1 680	2 420	876	1 220E	728E	486E	177E	20
21	282	234	137	280	2 240	1 680	2 100	953	1 000E	622E	467E	174E	21
22	350	287	137	327	2 210	1 650	1 850	1 120	862E	557E	461E	166E	22
23	423	268	138	335	2 200	1 700	1 760	999	795E	526E	443E	163E	23
24	434	232	139	353	2 250	1 750	1 780	876	712E	528E	419E	160E	24
25	399	205	142	387	2 930	1 780	1 820	1 170	634E	630E	394E	158E	25
26	357	187	162	376	3 100	1 710	1 960	1 450	574E	681E	369E	153E	26
27	324	175	183	356	3 050	1 550	1 870	1 340	521E	623E	339E	152E	27
28	306	171	275	355	2 490	1 500	1 690	1 180	493E	583E	318E	144E	28
29	276		349	380	2 330	1 560	1 650	1 060	483E	538E	326E	127E	29
30	226		325	440	2 500	1 760	1 590	883	530E	487E	318E	125B	30
31	199		291		2 690		1 490	838		488E		123B	31
TOTAL	8 183	4 919	4 996	7 831	55 909	52 920	55 050	36 311	36 273	19 805	17 360	5 962	TOTAL
MEAN	264	176	161	261	1 800	1 760	1 780	1 170	1 210	639	579	192	MEAN
MAX	434	287	349	440	3 100	2 490	2 420	1 680	2 970	1 200	1 030	311	MAX
MIN	199	128	124	163	549	1 370	1 120	838	483	452	318	123	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 837
MAXIMUM DAILY, 3 100 ON MAY 26
MINIMUM DAILY, 123B ON DEC 31
MAXIMUM INSTANTANEOUS,
3 210 AT 03:06 PST ON SEP 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 50 N
LONG 129 08 20 W
DRAINAGE AREA, 19 200 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	707 000	JUL	4 760 000
FEB	425 000	AUG	3 140 000
MAR	432 000	SEP	3 130 000
APR	677 000	OCT	1 710 000
MAY	4 830 000	NOV	1 500 000
JUN	4 570 000	DEC	515 000

TOTAL DISCHARGE, 26 400 000 dam³

NATION RIVER NEAR FORT ST. JAMES - STATION NO. 07ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0B	17.8B	12.2B	12.4B	33.9	396	115	38.5	12.0	10.8	17.2	17.9B	1
2	29.0B	17.0B	12.0B	12.5B	38.7	388	110	36.1	12.0	11.3	16.8	18.1B	2
3	28.9B	16.7B	12.0B	12.7B	42.8	377	106	33.9	12.3	11.4	17.4	18.2B	3
4	29.0B	16.4B	11.9B	12.9B	47.1	365	101	32.6	12.1	11.6	18.6	18.3B	4
5	29.0B	16.1B	12.0B	13.4B	51.8	349	96.4	32.1	11.7	11.5	17.8	18.4B	5
6	29.0B	15.9B	12.0B	13.0B	59.8	334	93.1	30.1	11.6	11.6	17.7	18.2B	6
7	28.7B	15.8B	12.0B	13.3B	67.4	318	88.6	28.8	11.6	12.3	18.0	18.0B	7
8	28.5B	15.7B	12.1B	13.1B	77.2	300	84.6	28.8	10.9	12.9	17.8	17.9B	8
9	28.2B	15.7B	12.2B	13.4B	94.9	285	79.3	27.1	11.2	12.8	18.2	17.8B	9
10	27.8B	15.7B	12.3B	13.7B	113	271	75.7	25.4	11.2	12.8	17.8	17.8B	10
11	27.3B	15.7B	12.3B	14.0B	126	258	72.8	24.7	10.9	13.1	17.3	17.8B	11
12	26.9B	15.5B	12.3B	14.9B	138	249	70.0	22.9	10.6	13.4	17.8	17.7B	12
13	26.1B	15.5B	12.3B	15.0B	150	245	65.7	21.9	10.1	13.9	17.7	17.6B	13
14	25.6B	15.4B	12.3B	15.1B	165	239	63.5	20.6	9.89	13.7	17.3	17.5B	14
15	25.2B	15.3B	12.3B	15.2B	185	231	62.1	21.0	9.86	14.4	17.3	17.3B	15
16	24.8B	15.2B	12.2B	15.3B	208	222	60.9	19.4	9.57	14.6	18.0	17.2B	16
17	24.3B	15.1B	12.2B	15.4B	229	210	59.4	18.4	9.32	14.6	18.6	17.2B	17
18	23.8B	15.0B	12.1B	15.5B	249	197	56.1	17.3	9.86	15.2	18.6	17.2B	18
19	23.7B	14.8B	12.1B	15.5B	269	188	54.3	16.6	10.1	15.5	18.0	17.2B	19
20	24.2B	14.6B	12.0B	15.3B	289	180	51.8	15.9	9.76	14.8	18.1	17.2B	20
21	24.8B	14.3B	12.0B	15.7B	307	171	51.4	15.3	9.65	14.9	17.9	17.2B	21
22	25.0B	14.1B	12.0B	15.1	326	164	49.3	14.0	9.57	15.0	18.0	17.2B	22
23	25.1B	13.7B	12.0B	16.0	343	157	47.1	13.8	9.98	15.0	18.6	17.2B	23
24	25.2B	13.3B	12.0B	17.6	353	148	46.5	12.8	9.72	15.6	18.7	17.1B	24
25	25.0B	13.0B	12.0B	18.6	361	140	45.8	12.7	9.43	15.7	18.1	17.0B	25
26	24.5B	12.8B	12.0B	19.3	376	137	45.5	12.8	9.32	15.1	17.9	16.9B	26
27	23.7B	12.6B	11.9B	20.6	393	132	43.5	12.9	9.40	15.0	17.6	16.8B	27
28	22.7B	12.5B	11.9B	23.3	405	129	43.0	12.6	9.60	16.0	17.6B	16.7B	28
29	21.0B		12.0B	25.4	403	125	42.0	12.4	9.97	16.2	17.7B	16.5B	29
30	19.5B		12.2B	28.6	397	121	41.1	12.5	10.0	15.9	17.8B	16.2B	30
31	18.5B		12.3B		398		40.2	12.0		16.7		16.0B	31
TOTAL	795.0	421.2	375.1	481.8	6 696.6	7 026	2 061.7	655.9	313.20	433.3	535.9	539.3	TOTAL
MEAN	25.6	15.0	12.1	16.1	216	234	66.5	21.2	10.4	14.0	17.9	17.4	MEAN
MAX	30.0	17.8	12.3	28.6	405	396	115	38.5	12.3	16.7	18.7	18.4	MAX
MIN	18.5	12.5	11.9	12.4	33.9	121	40.2	12.0	9.32	10.8	16.8	16.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.7
MAXIMUM DAILY, 405 ON MAY 28
MINIMUM DAILY, 9.32 ON SEP 17
MAXIMUM INSTANTANEOUS,
405 AT 15:10 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 00 N
LONG 124 14 00 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 700	JUL	178 000
FEB	36 400	AUG	56 700
MAR	32 400	SEP	27 100
APR	41 600	OCT	37 400
MAY	579 000	NOV	46 300
JUN	607 000	DEC	46 600

TOTAL DISCHARGE, 1 760 000 dam³

NATION RIVER NEAR THE MOUTH - STATION NO. 07ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0B	26.5B	18.5B	18.9B	101	505	131	42.9	15.5E	15.6	25.7	28.0B	1
2	44.5B	25.9B	18.2B	19.1B	124	481	125	41.1	15.8E	19.2	25.6	28.1B	2
3	44.0B	25.3B	18.1B	19.5B	129	453	119	39.6	15.9E	19.7	26.5	28.2B	3
4	44.0B	25.0B	18.1B	20.0B	133	432	113	38.3	15.8E	18.9	27.6	28.4B	4
5	44.0B	24.8B	18.1B	20.9B	143	406	107	36.7	15.1E	18.1	27.4	28.7B	5
6	44.0B	24.5B	18.2B	21.2B	160	391	102	34.9	15.1E	17.5	27.4	29.0B	6
7	43.8B	24.2B	18.3B	21.0B	174	376	96.8	33.8	14.9E	18.3	26.1	29.1B	7
8	43.5B	24.1B	18.5B	20.9B	196	353	92.6	32.5	14.3E	19.2	26.0	29.2B	8
9	43.0B	24.0B	18.7B	20.9B	234	332	88.1	31.2	14.7E	20.1	26.9	29.2B	9
10	42.5B	24.0B	18.9B	21.3B	264	312	84.5	30.1	14.5E	20.6	27.3	29.0B	10
11	41.5B	24.0B	18.9B	22.0B	263	296	80.7	29.2	14.2E	21.0	27.7	28.7B	11
12	40.5B	23.8B	19.0B	22.9B	265	288	77.3	28.2	13.8E	21.1	29.2	28.5B	12
13	39.5B	23.8B	19.0B	23.3B	272	288	73.0	27.2	13.3E	21.2	28.3	28.5B	13
14	38.5B	23.7B	18.9B	23.4B	292	279	70.9	25.8	12.9E	20.8	28.7B	28.5B	14
15	37.8B	23.6B	18.8B	23.5B	317	267	70.0	24.9	12.7E	20.6	29.0B	28.4B	15
16	37.0B	23.4B	18.7B	23.7B	342	254	68.1	24.9A	12.4E	20.7	28.5B	28.2B	16
17	36.5B	23.2B	18.6B	23.9B	365	243	65.4	23.7E	12.2E	21.0	27.8B	28.0B	17
18	36.2B	22.8B	18.6B	24.0B	385	230	63.0	22.5E	12.3E	21.0	27.3B	27.8B	18
19	36.5B	22.5B	18.5B	24.0B	405	220	60.4	21.7E	12.5E	21.1	27.2B	27.7B	19
20	37.5B	22.1B	18.4B	24.0B	425	211	57.7	20.9E	12.7E	21.3	27.7B	27.6B	20
21	38.0B	21.8B	18.3B	24.1B	450	203	55.8	19.9E	13.1E	20.0	28.4B	27.6B	21
22	38.5B	21.2B	18.2B	24.7B	490	195	55.5	18.3E	13.3A	19.7	28.3B	27.6B	22
23	38.5B	20.7B	18.1B	25.2B	495	185	54.8	17.4E	13.2	19.5	28.2B	27.6B	23
24	38.2B	20.2B	18.1B	27.5B	498	179	53.1	16.6E	13.5	20.3	28.1B	27.6B	24
25	37.8B	19.8B	18.0B	29.0B	507	170	51.6	16.5E	13.5	20.9	28.0B	27.6B	25
26	37.2B	19.5B	18.1B	31.0B	568	163	50.7	16.7E	13.4	21.1	28.5B	27.5B	26
27	36.5B	19.2B	18.2B	34.0B	579	155	48.9	16.8E	12.8	20.1	28.9B	27.3B	27
28	34.5B	19.0B	18.4B	47.0B	569	147	46.9	16.3E	12.8	20.9	28.8B	27.2B	28
29	32.0B		18.5B	60.0B	548	141	45.3	16.1E	13.1	23.4	28.5B	27.0B	29
30	30.2B		18.7B	75.4	528	137	45.1	16.3E	13.9	24.8	28.1B	26.8B	30
31	28.0B		18.8B		526		44.2	15.7E		25.3		26.5B	31
TOTAL	1 209.2	642.6	572.4	816.3	10 747	8 292	2 297.4	796.7	413.2	633.0	831.7	869.1	TOTAL
MEAN	39.0	23.0	18.5	27.2	347	276	74.1	25.7	13.8	20.4	27.7	28.0	MEAN
MAX	45.0	26.5	19.0	75.4	579	505	131	42.9	15.9	25.3	29.2	29.2	MAX
MIN	28.0	19.0	18.0	18.9	101	137	44.2	15.7	12.2	15.6	25.6	26.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.0
MAXIMUM DAILY, 579 ON MAY 27
MINIMUM DAILY, 12.2E ON SEP 17
MAXIMUM INSTANTANEOUS,
585 AT 23:05 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 26 06 N
LONG 123 36 58 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	104 000	JUL	198 000
FEB	55 500	AUG	68 800
MAR	49 500	SEP	35 700
APR	70 500	OCT	54 700
MAY	929 000	NOV	71 900
JUN	716 000	DEC	75 100

TOTAL DISCHARGE, 2 430 000 dam³

NAUTLEY RIVER NEAR FORT FRASER - STATION NO. 08JB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.4	14.8E	12.8	13.3	24.3	91.5	62.5E	34.3	17.6A	11.3	8.73	9.03E	1
2	16.4	15.1E	12.6	13.7	25.6	91.4	63.0E	33.5	17.7A	10.7	9.07	8.74E	2
3	16.1	14.5E	13.1	14.0	26.8	91.6	62.0E	32.9	17.7	10.4	10.0	8.49E	3
4	16.0	13.9E	12.8	13.3	28.7	93.0	61.0E	32.0	17.4	10.2	9.49	8.23E	4
5	16.2	13.9E	12.5	14.7	30.4	91.8	60.2E	31.1	16.9	9.03	9.36	7.97E	5
6	16.2	13.8E	12.3	14.2	31.6	92.6	59.5E	30.5	16.8	9.92	9.43	7.72E	6
7	16.2	13.5E	12.3	13.7	34.1	91.1	57.0E	29.7	16.4	10.4	9.98	7.48E	7
8	16.2	13.4E	12.3	13.6	35.8	90.4	56.6A	28.8	16.2	10.2	9.46	7.26E	8
9	16.2	13.5E	11.9	14.3	38.1	89.1	55.3	28.1	16.5	10.6	9.49	7.03E	9
10	16.3	13.1E	12.0	12.7	40.5	87.3	53.7	27.5	15.8	11.0	9.31	6.80E	10
11	16.3	13.7E	11.8	12.9	42.8	86.6	52.9	27.0	15.5	10.4	8.88	6.54A	11
12	15.9	13.6E	11.5	14.0	45.3	86.1	51.9	26.8	14.8	10.3	9.79	6.45E	12
13	15.9	14.3E	11.5	13.9	47.6	85.1A	51.6A	25.8	14.4	10.1	9.16	6.35E	13
14	15.9	14.8A	11.2	13.8	50.5	83.0E	50.3E	25.2	14.1	9.97	9.08	6.24E	14
15	16.0	14.0	11.2	13.9	53.0	80.7E	49.0A	24.6	13.8	9.75	9.38	6.20E	15
16	15.9	14.0	11.8	14.6	55.9	80.0E	48.1	24.2	13.5	9.88	9.51	6.20E	16
17	16.1	13.8	11.4	14.1	59.1	79.5E	47.5	23.5	13.0	9.28	9.81	6.22E	17
18	15.7	13.7	11.1	13.9	62.3	78.0E	46.5	22.4	13.1	10.0	9.64	6.30E	18
19	15.3	13.4	10.9	14.2	64.7	76.5E	45.9	22.1	13.1	10.4	9.19	7.20E	19
20	15.3	13.5	10.5	14.2	67.7	74.8E	45.7	21.8	12.4	9.83	9.54	8.85E	20
21	14.8	13.1	10.4	14.4	70.7	73.2E	43.6	21.1	12.1	9.30	9.64	9.30E	21
22	15.0	13.6	10.4	14.5	73.2	72.5E	42.5	20.3	12.3	9.38	9.95	8.82E	22
23	15.0	13.0	10.7	15.2	74.9	70.4E	41.6	20.1	12.2	9.77	9.94	8.38E	23
24	15.1	13.0	11.0	15.3	77.6	68.5E	40.7	19.8	11.8	9.08	10.0	8.00E	24
25	15.0	13.0	11.4	17.3	79.6	68.4E	40.4	20.0	11.6	10.1	9.93	7.60E	25
26	14.6	12.9	11.5	18.0	82.0	66.5E	40.1	19.5	10.8	8.91	9.97	7.00E	26
27	14.9	12.7	11.5	19.0	83.7	66.2E	38.7	19.2	10.6	8.59	10.2 E	6.65E	27
28	15.3	12.9	12.6	20.4	85.8	65.5E	37.2	18.5	10.8	9.22	9.91E	6.43E	28
29	15.1		12.8	21.4	86.8	64.0E	36.7	18.2	10.5	8.79	9.61E	6.35E	29
30	15.0E		12.7	22.6	90.0	63.8E	36.4	17.9	10.5	8.22	9.32E	6.20E	30
31	15.1E		13.1		90.1		35.3	17.5		9.16		6.15E	31
TOTAL	485.4	382.5	365.6	455.1	1 759.2	2 399.1	1 513.4	763.9	419.9	304.18	286.77	226.18	TOTAL
MEAN	15.7	13.7	11.8	15.2	56.7	80.0	48.8	24.6	14.0	9.81	9.56	7.30	MEAN
MAX	16.4	15.1	13.1	22.6	90.1	93.0	63.0	34.3	17.7	11.3	10.2	9.30	MAX
MIN	14.6	12.7	10.4	12.7	24.3	63.8	35.3	17.5	10.5	8.22	8.73	6.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.6
MAXIMUM DAILY, 93.0 ON JUN 4
MINIMUM DAILY, 6.15E ON DEC 31
MAXIMUM INSTANTANEOUS,
107 AT 19:50 PST ON JUN 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 07 N
LONG 124 35 58 W
DRAINAGE AREA, 6 030 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 900	JUL	131 000
FEB	33 000	AUG	66 000
MAR	31 600	SEP	36 300
APR	39 300	OCT	26 300
MAY	152 000	NOV	24 800
JUN	207 000	DEC	19 500

TOTAL DISCHARGE, 809 000 dam³

NAIKO RIVER ABOVE MICHELLE CREEK - STATION NO. 08KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.78B	1.35B	2.32B	4.00B	7.56	12.2	8.92	3.61	1.35	1.20	1.29	1.12 B	1
2	1.72B	1.30B	2.28B	3.90B	7.45	10.9	8.47	4.10	1.34	1.15	1.53	1.12 B	2
3	1.65B	1.27B	2.26B	3.65B	7.12	9.57	7.44	4.24	1.32	1.10	1.59	1.12 B	3
4	1.60B	1.23B	2.22B	3.45B	6.75	8.61	6.01	4.25	1.38	1.13	1.55	1.13 B	4
5	1.55B	1.20B	2.20B	3.20B	6.33	7.57	5.12	4.10	1.34	1.08	1.55	1.13 B	5
6	1.53B	1.18B	2.19B	3.00B	5.87	6.44	4.87	3.58	1.38	1.07	1.49	1.12 B	6
7	1.50B	1.15B	2.19B	2.85B	5.59	5.64	4.50	3.25	1.31	1.06	1.44	1.12 B	7
8	1.46B	1.13B	2.17B	2.75B	5.31	5.05	4.23	3.08	1.21	1.03	1.36	1.11 B	8
9	1.41B	1.10B	2.15B	2.70B	4.87	5.36	3.78	2.89	1.11	1.03	1.36	1.11 B	9
10	1.38B	1.08B	2.13B	2.68B	4.76	6.14	3.43	2.89	1.04	1.06	1.31	1.11 B	10
11	1.34B	1.07B	2.11B	2.62B	4.85	7.47	3.30	2.82	0.959	1.09	1.32	1.10 B	11
12	1.33B	1.06B	2.12B	2.60B	4.91	8.59	3.24	2.63	0.937	1.10	1.27	1.10 B	12
13	1.32B	1.07B	2.16B	2.59B	4.71	9.61	3.10	2.40	0.980	1.14	1.22	1.10 B	13
14	1.33B	1.09B	2.24B	2.60B	4.85	9.57	3.10	2.28	0.982	1.21	1.22	1.09 B	14
15	1.36B	1.19B	2.37B	1.84	4.82	9.01	3.06	2.19	1.00	1.36	1.21B	1.08 B	15
16	1.41B	1.30B	2.55B	1.99	5.12	8.15	2.98	2.11	0.976	1.49	1.21B	1.08 B	16
17	1.48B	1.46B	2.70B	2.99A	5.57	7.83	2.86	2.03	1.01	1.45	1.20B	1.09 B	17
18	1.55B	1.65B	2.90B	3.10E	5.97	7.09	2.81	1.95	0.965	1.41	1.20B	1.12 B	18
19	1.60B	1.85B	3.10B	3.35E	6.21	7.14	2.90	1.89	1.01	1.36	1.19B	1.13 B	19
20	1.65B	2.10B	3.20B	3.75E	6.30	7.66	3.04	1.85	1.00	1.29	1.19B	1.11 B	20
21	1.68B	2.40B	3.30B	4.30E	6.57	8.54	3.12	1.79	1.30	1.19	1.18B	1.10 B	21
22	1.67B	2.60B	3.35B	5.20E	8.36	8.88	3.30	1.74	1.49	1.24	1.18B	1.08 B	22
23	1.66B	2.70B	3.33B	6.30E	10.7	10.8	3.22	1.71	1.59	1.27	1.17B	1.07 B	23
24	1.64B	2.70B	3.25B	7.80E	10.5	13.6	3.28	1.64	1.64	1.30	1.16B	1.04 B	24
25	1.62B	2.68B	3.15B	9.30E	10.1	13.9	3.41	1.61	1.67	1.32	1.15B	1.03 B	25
26	1.60B	2.60B	3.03B	9.95E	11.7	12.4	3.31	1.53	1.56	1.33	1.15B	1.02 B	26
27	1.57B	2.50B	2.90B	9.40E	13.6	11.0	3.04	1.48	1.48	1.35	1.14B	0.990B	27
28	1.55B	2.40B	2.80B	8.73A	15.3	9.74	3.00	1.40	1.39	1.31	1.14B	0.970B	28
29	1.50B		3.10B	8.17	14.9	8.79	2.95	1.34	1.29	1.24	1.13B	0.950B	29
30	1.45B		3.40B	7.92	13.6	8.42	3.17	1.31	1.26	1.21	1.13B	0.930B	30
31	1.40B		3.80B		13.4		3.46	1.28		1.25		0.910B	31
TOTAL	47.29	46.41	82.99	136.68	243.65	265.67	122.42	74.97	37.269	37.82	38.23	33.280	TOTAL
MEAN	1.53	1.66	2.68	4.56	7.86	8.86	3.95	2.42	1.24	1.22	1.27	1.07	MEAN
MAX	1.78	2.70	3.80	9.95	15.3	13.9	8.92	4.25	1.67	1.49	1.59	1.13	MAX
MIN	1.32	1.06	2.11	1.84	4.71	5.05	2.81	1.28	0.937	1.03	1.13	0.910	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.20
MAXIMUM DAILY, 15.3 ON MAY 28
MINIMUM DAILY, 0.910B ON DEC 31
MAXIMUM INSTANTANEOUS,
16.1 AT 18:00 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 30 N
LONG 123 33 20 W
DRAINAGE AREA, 3 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 090	JUL	10 600
FEB	4 010	AUG	6 480
MAR	7 170	SEP	3 220
APR	11 800	OCT	3 270
MAY	21 100	NOV	3 300
JUN	23 000	DEC	2 880

TOTAL DISCHARGE, 101 000 dam³

NECHAKO RIVER AT ISLE PIERRE - STATION NO. 08JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	115B	136B	125B	127	213	429	501	586	255	141	106	96.9	1
2	117B	135B	123B	127	224	435	500	540	248	138	107	86.4B	2
3	120B	133B	122B	128	228	441	499	533	240	138	109	85.5B	3
4	125B	132B	122B	125	232	447	494	511	230	137	110	86.0B	4
5	130B	131B	121B	127	233	452	491	478	223	134	111	85.8B	5
6	146B	129B	121B	129	236	459	487	456	217	132	109	84.1B	6
7	144B	125B	120B	130	238	465	484	446	209	130	108	84.4B	7
8	143B	121B	120B	131	241	470	481	445	203	129	108	83.8B	8
9	142B	119B	120B	134	247	474	476	468	200	129	110	83.3B	9
10	141B	117B	120B	134	250	477	470	509	195	129	109	83.0B	10
11	140B	118B	120B	137	254	486	467	553	193	128	108	82.6B	11
12	138B	119B	120B	138	259	496	462	585	188	128	108	81.6B	12
13	137B	120B	120B	136	263	503	459	592	185	125	108	81.0B	13
14	136B	123B	120B	139	268	509	457	573	181	124	107	80.7B	14
15	135B	126B	119B	139	276	512	454	530	178	122	108	81.0B	15
16	135B	133B	120B	143	285	518	451	484	175	121	108	80.4B	16
17	135B	141B	120B	146	291	521	446	449	173	120	109	81.3B	17
18	136B	142B	120B	149	299	521	441	431	170	119	110	81.6B	18
19	137B	143B	120B	152	306	523	437	437	169	117	109	82.4B	19
20	137B	143B	120B	157	314	526	432	440	167	116	109	84.4B	20
21	138B	142B	120B	164	322	531	428	438	165	117	108	83.8B	21
22	139B	141B	120B	170	331	534	425	426	161	114	108	83.0B	22
23	140B	140B	119B	179	338	534	423	406	159	112	108	82.7B	23
24	142B	138B	119B	198	346	533	453	383	158	111	108	83.8B	24
25	145B	136B	119	213	356	533	506	362	156	112	108	83.8B	25
26	145B	133B	123	211	366	531	551	341	152	112	108	83.5B	26
27	144B	131B	126	207	376	529	564	321	150	111	106	83.0B	27
28	142B	128B	128	206	387	521	563	304	146	109	98.6	83.3B	28
29	140B		129	206	400	511	561	288	144	110	94.5	82.7B	29
30	139B		128	208	411	504	557	275	143	109	85.5	82.1B	30
31	138B		128		422		552	264		108		81.6B	31
TOTAL	4 241	3 675	3 772	4 690	9 212	14 925	14 972	13 814	5 533	3 782	3 203.6	2 589.5	TOTAL
MEAN	137	131	122	156	297	498	483	446	184	122	107	83.5	MEAN
MAX	146	143	129	213	422	534	564	592	255	141	111	96.9	MAX
MIN	115	117	119	125	213	429	423	264	143	108	85.5	80.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 231
MAXIMUM DAILY, 592 ON AUG 13
MINIMUM DAILY, 80.4B ON DEC 16
MAXIMUM INSTANTANEOUS,
597 AT 07:05 PST ON AUG 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 37 N
LONG 123 14 01 W
DRAINAGE AREA, 42 500 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	366 000	JUL	1 290 000
FEB	318 000	AUG	1 190 000
MAR	326 000	SEP	478 000
APR	405 000	OCT	327 000
MAY	796 000	NOV	277 000
JUN	1 290 000	DEC	224 000

TOTAL DISCHARGE, 7 290 000 dam³

NECHAKO RIVER AT VANDERHOOF - STATION NO. 08JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.5B	53.2B	49.6B	56.9	112	200	137	299	90.3	47.0	43.1	43.3B	1
2	57.2B	52.4B	49.6B	56.5	114	193	140	297	86.4	47.0	43.1	44.7B	2
3	56.6B	51.5B	49.3B	56.5	116	193E	139	281	81.3	46.5	43.3	41.9B	3
4	56.1B	51.0B	49.0B	57.2	117	193	138	254	76.2	46.0	43.6	41.9B	4
5	55.2B	49.6B	48.7B	58.9	120	193	137	229	73.3	45.7	44.0	42.5B	5
6	54.4B	48.4B	49.0B	60.6	120	193	137	216	69.4	44.7	44.0	41.6B	6
7	54.1B	47.6B	49.3B	62.6	121	191	136	221	66.0	44.7	44.0	40.8B	7
8	53.8B	45.6B	49.8B	66.7	123	188	137	243	62.6	44.2	45.2	39.6B	8
9	53.5B	44.7B	51.0B	67.4	125	184	136	299	63.4	44.2	45.2	39.1B	9
10	52.7B	44.2B	52.1B	68.4	127	184	135	349	61.7	44.2	46.2	39.1B	10
11	51.8B	43.9B	53.8B	70.1	129	184	134	394	61.1	44.2	46.2	38.8B	11
12	51.0B	43.9B	54.4B	73.2	130	184	134	404	58.9	43.8	46.2	38.2B	12
13	51.0B	44.2B	56.1B	74.5	131	184	133	389	58.0	43.8	46.8	38.2B	13
14	50.7B	44.5B	56.4B	74.5	137	184	132	348	56.4	43.1	46.8	38.5B	14
15	50.1B	45.6B	56.6B	74.5	139	183	131	299	56.4	42.6	47.3	38.2B	15
16	49.8B	52.7B	57.2B	76.2	143	181	131	255	55.8	42.4	48.4	37.7B	16
17	49.6B	55.5B	58.0B	78.3	144	180	131	237	55.2	41.5	48.4	38.2B	17
18	49.8B	56.1B	58.3B	81.9	149	180	129	247	54.9	36.2	47.9	38.5B	18
19	50.4B	56.4B	58.3B	82.6	152	179	129	257	54.9	34.3	47.3	39.9B	19
20	53.5B	56.6B	58.6B	83.3	155	179	128	256	54.4	32.8	46.8	42.5B	20
21	56.6B	56.4B	58.6B	85.9	159	175	127	248	54.4	35.8	47.9	42.2B	21
22	58.0B	55.2B	58.3B	88.5	160	174	127	232	53.2	40.8	47.9	41.9B	22
23	58.9B	53.8B	58.0B	92.9	167	173	158	205	52.4	40.8	47.9	41.6B	23
24	59.2B	52.7B	57.5B	98.1	168	172	216	182	51.8	40.6	47.9	41.6B	24
25	58.3B	51.3B	57.2B	99.5	171	170	282	166	51.8	36.2	46.8	41.3B	25
26	57.8B	51.0B	56.6	101	175	168	293	148	51.8	33.6	46.2	41.1B	26
27	56.6B	50.4B	55.5	102	179	160	299	135	50.7	31.0	45.2	40.8B	27
28	54.7B	50.1B	54.9	103	187	156	299	122	49.6	36.7	44.5B	40.8B	28
29	54.4B		55.5	105	193	140	300	112	48.1	42.9	43.9B	40.5B	29
30	54.1B		56.6	107	195	138	301	105	48.1	42.9	43.3B	40.2B	30
31	53.8B		56.6		199		298	101		42.9		39.6B	31
TOTAL	1 681.2	1 408.5	1 690.4	2 363.7	4 557	5 356	5 384	7 530	1 808.5	1 283.1	1 375.3	1 254.8	TOTAL
MEAN	54.2	50.3	54.5	78.8	147	179	174	243	60.3	41.4	45.8	40.5	MEAN
MAX	59.2	56.6	58.6	107	199	200	301	404	90.3	47.0	48.4	44.7	MAX
MIN	49.6	43.9	48.7	56.5	112	138	127	101	48.1	31.0	43.1	37.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.8
MAXIMUM DAILY, 404 ON AUG 12
MINIMUM DAILY, 31.0 ON OCT 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 01 34 N
LONG 124 00 28 W
DRAINAGE AREA, 22 500 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	145 000	JUL	465 000
FEB	122 000	AUG	651 000
MAR	146 000	SEP	156 000
APR	204 000	OCT	111 000
MAY	394 000	NOV	119 000
JUN	463 000	DEC	108 000

TOTAL DISCHARGE, 3 080 000 dam³

MECHAKO RIVER BELOW CHESLATTA FALLS - STATION NO. 08JA017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.7	38.2	37.0	35.5	71.1	86.6	70.6	257	65.9	33.5	31.6	36.6	1
2	39.1	38.3	37.1	36.0	71.4	86.7	71.8	238	61.8	32.8	31.8	37.1	2
3	39.3	37.4	37.0	38.0	71.9	86.4	73.8	209	57.8	32.2	32.6	36.6	3
4	38.4	36.9	37.0	40.5	72.5	86.1	74.4	187	53.8	32.0	32.5	35.7	4
5	39.0	37.4	37.3	43.1	73.3	85.7	74.8	181	50.7	31.7	32.4	37.1	5
6	39.1	37.3	36.6	45.7	72.6	85.6	75.9	186	47.9	31.0	33.2	36.8	6
7	39.0	37.1	36.0	47.6	73.4	85.2	77.0	218	46.0	30.8	33.3	36.9	7
8	39.1	37.2	36.2	50.2	73.2	84.6	76.8	263	45.6	30.5	33.4	37.3	8
9	39.0	37.3	36.0	51.9	74.4	84.7	77.8	307	44.7	30.6	33.3	36.2	9
10	39.4	37.1B	36.4	53.4	74.8	84.6	78.1	339	43.7	30.9	33.6	36.2	10
11	39.2E	37.0B	36.8	55.2	74.3	85.6	78.6	350	42.3	30.4	33.3	36.9	11
12	38.6E	37.7	36.4	57.2	74.2	85.4	79.3	338	41.6	30.1	34.1	36.6	12
13	38.3E	37.6	36.4	58.8	74.9	84.9	80.6	300	40.8	30.0	33.4	36.2	13
14	38.8E	37.6	36.2	60.5	75.8	84.5	80.0	261	39.8	29.5	34.3	36.3	14
15	39.0A	37.7	36.1	61.5	76.1	83.7	79.9	224	39.1	29.4	34.4	36.7	15
16	38.7	37.4	36.5	62.0	76.9	84.1	80.0	206	38.6	28.7	34.7	37.0	16
17	38.1	38.0	36.6	62.8	77.8	83.3	79.5	223	38.5	29.0	34.7	36.3	17
18	37.8	37.6	36.1	64.0	78.1	82.4	78.8	232	37.9	29.2	35.3	36.5	18
19	37.1	37.5	36.0	64.8	78.5	83.0	78.7	231	37.7	28.7	35.4	35.8	19
20	37.4	37.6	35.6	65.5	78.7	84.0	79.7	224	37.7	28.9	35.3	36.3	20
21	37.0	37.4	35.2	66.4	78.8	83.0	88.7	203	37.6	29.1	35.0	36.5	21
22	37.3	37.5	35.3	67.0	79.3	83.7	140	179	37.3	28.6	35.5	36.7	22
23	38.1	37.4B	35.0	68.3	79.8	83.8	199	159	36.9	28.6	36.2	36.2	23
24	38.0	37.2B	35.4	68.3	80.3	83.3	242	143	37.0	29.1	36.0	36.4	24
25	38.2	37.0B	35.2	68.7	81.1	82.0	252	127	35.8	29.3	36.5	36.1	25
26	38.6	37.2B	34.4	68.6	81.8	76.7	254	113	35.1	29.5	36.6	36.3	26
27	39.1	37.6	34.5	69.1	84.2	70.6	255	103	34.5	29.5	36.3	36.2	27
28	39.5	37.2	34.7	70.3	84.9	66.6	256	92.9	34.7	30.1	36.4	35.9B	28
29	38.5		35.0	70.7	85.1	67.6	258	85.2	34.1	30.4	36.6	36.0B	29
30	38.8		35.0	70.9	86.3	68.9	258	78.2	33.5	29.9	36.4	36.2B	30
31	39.1		35.1		86.4		257	71.3		31.1		36.2B	31
TOTAL	1 195.3	1 048.4	1 114.1	1 742.5	2 401.9	2 463.3	4 005.8	6 328.6	1 268.4	935.1	1 034.1	1 129.8	TOTAL
MEAN	38.6	37.4	35.9	58.1	77.5	82.1	129	204	42.3	30.2	34.5	36.4	MEAN
MAX	39.5	38.3	37.3	70.9	86.4	86.7	258	350	65.9	33.5	36.6	37.3	MAX
MIN	37.0	36.9	34.4	35.5	71.1	66.6	70.6	71.3	33.5	28.6	31.6	35.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.6
MAXIMUM DAILY, 350 ON AUG 11
MINIMUM DAILY, 28.6 ON OCT 22
MAXIMUM INSTANTANEOUS,
351 AT 10:40 PST ON AUG 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 02 N
LONG 124 50 08 W
DRAINAGE AREA, 15 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	103 000	JUL	346 000
FEB	90 600	AUG	547 000
MAR	96 300	SEP	110 000
APR	151 000	OCT	80 800
MAY	208 000	NOV	89 300
JUN	213 000	DEC	97 600

TOTAL DISCHARGE, 2 130 000 dam³

NICOLA LAKE NEAR NICOLA - STATION NO. 08LG046

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.637	0.680	0.728	0.686	0.850	1.445	1.155	1.045	0.863	0.756	0.683	0.695	1
2	0.646	0.671	0.735	0.689	0.884	1.426	1.155	1.036	0.863	0.738	0.683	0.695	2
3	0.652	0.680	0.735	0.686	0.936	1.405	1.119	1.018	0.869	0.738	0.671	0.695	3
4	0.658	0.680	0.725	0.680	0.954	1.381	1.119	1.003	0.875	0.738	0.683	0.689	4
5	0.658	0.680	0.725	0.695	0.972	1.372	1.113	1.003	0.893	0.732	0.683	0.686	5
6	0.658	0.680	0.725	0.728	1.018	1.366	1.094	1.003	0.887	0.732	0.671	0.686	6
7	0.668	0.680	0.728	0.722	1.052	1.359	1.094	1.003	0.884	0.719	0.671	0.686	7
8	0.668	0.680	0.728	0.695	1.079	1.344	1.085	1.015	0.884	0.735	0.671	0.686	8
9	0.668	0.674	0.732	0.701	1.097	1.323	1.085	1.012	0.835	0.732	0.668	0.683	9
10	0.668	0.674	0.732	0.701	1.125	1.323	1.091	1.021	0.863	0.732	0.668	0.701	10
11	0.661	0.674	0.732	0.710	1.149	1.311	1.103	1.021	0.853	0.732	0.671	0.710	11
12	0.661	0.671	0.732	0.716	1.164	1.298	1.106	1.018	0.847	0.732	0.677	0.710	12
13	0.661	0.671	0.728	0.716	1.177	1.274	1.106	1.012	0.838	0.725	0.677	0.710	13
14	0.661	0.664	0.728	0.728	1.177	1.262	1.122	1.012	0.863	0.725	0.677	0.710	14
15	0.668	0.664	0.728	0.716	1.173	1.262	1.140	1.006	0.853	0.725	0.680	0.710	15
16	0.668	0.671	0.728	0.701	1.167	1.262	1.140	1.006	0.844	0.725	0.680	0.707	16
17	0.661	0.671	0.728	0.686	1.186	1.262	1.140	1.006	0.844	0.719	0.680	0.710	17
18	0.661	0.671	0.728	0.686	1.189	1.256	1.140	1.003	0.844	0.719	0.680	0.710	18
19	0.661	0.680	0.728	0.683	1.204	1.250	1.140	1.003	0.844	0.732	0.680	0.710	19
20	0.655	0.680	0.728	0.695	1.207	1.241	1.128	1.003	0.850	0.716	0.671	0.710	20
21	0.655	0.671	0.728	0.686	1.253	1.241	1.119	0.988	0.850	0.710	0.671	0.710	21
22	0.655	0.671	0.728	0.686	1.292	1.241	1.149	0.972	0.844	0.710	0.671	0.710	22
23	0.655	0.671	0.732	0.698	1.323	1.216	1.149	0.972	0.835	0.692	0.664	0.707	23
24	0.655	0.683	0.722	0.716	1.372	1.210	1.161	0.939	0.805	0.683	0.683	0.707	24
25	0.655	0.701	0.722	0.732	1.384	1.201	1.140	0.905	0.805	0.671	0.701	0.701	25
26	0.655	0.716	0.722	0.750	1.399	1.192	1.131	0.902	0.805	0.652	0.701	0.701	26
27	0.652	0.728	0.716	0.792	1.423	1.186	1.125	0.902	0.805	0.671	0.701	0.701	27
28	0.671	0.732	0.716	0.786	1.457	1.186	1.070	0.893	0.792	0.671	0.701	0.701	28
29	0.671		0.701	0.823	1.466	1.161	1.067	0.893	0.750	0.671	0.701	0.701	29
30	0.671		0.695	0.829	1.463	1.155	1.058	0.893	0.762	0.674		0.701	30
31	0.680		0.686		1.445		1.058	0.881		0.674			31
MEAN	0.660	0.681	0.724	0.717	1.195	1.280	1.116	0.980	0.842	0.712	0.681	0.701	MEAN
MAX	0.680	0.732	0.735	0.829	1.466	1.445	1.161	1.045	0.893	0.756	0.701	0.710	MAX
MIN	0.637	0.664	0.686	0.680	0.850	1.155	1.058	0.881	0.750	0.652	0.664	0.683	MIN

WATER LEVELS IN METRES

MEAN, 0.859
MAXIMUM DAILY, 1.466 ON MAY 29
MINIMUM DAILY, 0.637 ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 09 40 N
LONG 120 39 40 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 624.764 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NICOLA RIVER ABOVE NICOLA LAKE - STATION NO. 08LG049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	0.870B	0.845B	0.931	5.76	17.7	8.92	6.10E	1.61 E	0.816	1.46	2.10	1
2	1.12 B	0.910B	1.05 B	0.947	7.69	17.1	9.06	5.95E	1.65 E	0.783	1.54	2.10	2
3	1.08 B	0.875B	1.16	0.946	9.00	16.5	8.84	5.60E	2.00 E	0.771	1.63	2.00	3
4	1.16 B	0.850B	1.20	0.944	9.24	15.7	8.64	5.20E	2.10 E	0.811	1.71	1.94	4
5	1.18 B	0.870B	1.17	0.967	9.21	15.2	8.21	4.80E	2.12 E	0.822	1.81	1.90	5
6	1.23 B	0.880B	1.15	1.04	8.80	14.4	7.70	4.00E	2.08 E	0.890	1.89	1.89	6
7	1.22 B	0.900B	1.13	1.04	8.22	13.7	7.35	3.15E	2.03 E	0.953	1.92	1.82	7
8	1.24 B	0.800B	1.11	1.01	7.94	12.8	7.29A	2.75E	2.00 E	1.05	1.93	1.79	8
9	1.27 B	0.700B	1.09	1.02	7.72	12.4	7.10E	2.60E	1.95 E	1.31	1.87	1.75	9
10	1.24 B	0.560B	1.05	1.01	8.02	12.2	7.00E	2.45E	1.90 E	1.43	1.81	1.76	10
11	1.10 B	0.600B	0.968	1.02	8.31	12.3	6.95E	2.35E	1.88 A	1.56	1.86	1.71	11
12	1.08 B	0.700B	0.948	0.986	8.60	12.7	6.90E	2.28E	1.78	1.62	1.82	1.64	12
13	1.04 B	0.900B	0.932	0.995	8.85	12.6	6.80E	2.23E	1.67	1.64	1.84	1.52	13
14	1.00 B	1.00 B	0.910	0.989	9.23	12.8	6.80E	2.17E	1.59	1.65	2.08	1.36 B	14
15	0.930B	1.20 B	0.918	0.963	10.0	12.9	6.75E	2.10E	1.54	1.62	2.17	1.15 B	15
16	0.925B	1.27 B	0.924	0.946	11.6	12.7	6.80E	2.03E	1.45	1.55	2.32	1.12 B	16
17	0.930B	1.10	0.915	0.959	13.0	12.5	6.80E	1.99E	1.42	1.54	2.42	1.28	17
18	1.02 B	1.08	0.911	0.984	14.3	12.1	6.85E	1.90E	1.36	1.56	2.56	1.40	18
19	1.14 B	1.32	0.893	1.07	15.8	11.9	6.90E	1.80E	1.39	1.48	2.55	1.26	19
20	1.19 B	1.15	0.902	1.25	18.0	11.5	6.95E	1.80E	1.27	1.43	2.62	1.22	20
21	1.23 B	1.17	0.900	1.60	20.9	11.4	7.00E	1.79E	1.18	1.41	2.67	1.16 B	21
22	1.26 B	1.14	0.889	2.00	24.0	11.2	7.15E	1.77E	1.04	1.38	2.64	1.08 B	22
23	1.30 B	1.12	0.894	2.56	26.4	10.9	7.25E	1.73E	1.00	1.32	2.60	1.15 B	23
24	1.18 B	1.16	0.917	3.02	26.8	10.7	7.30E	1.68E	0.959	1.31	2.60	1.26 B	24
25	1.07 B	1.23	0.927	3.78	26.3	10.4	7.30E	1.60E	0.937	1.26	2.55	1.14 B	25
26	1.05 B	1.24	0.922	4.53	27.4	10.0	7.30E	1.55E	0.913	1.20	2.50	1.11 B	26
27	1.15 B	1.21	0.909	4.96	28.5	9.77	7.20E	1.52E	0.892	1.26	2.42	1.16 B	27
28	1.10 B	1.00 B	0.901	5.12	25.0	9.40	7.05E	1.50E	0.805	1.26	2.37	1.10 B	28
29	1.24 B		0.957	5.06	21.7	8.93	6.80E	1.51E	0.744	1.21	2.26	0.965B	29
30	1.18 B		0.944	5.16	19.4	8.73	6.50E	1.55E	0.772	1.26	2.20	0.880B	30
31	1.08 B		0.955		18.2		6.30E	1.60E		1.42		0.830B	31
TOTAL	35.085	27.805	30.291	57.807	463.89	373.13	225.76	81.05	44.032	39.576	64.62	44.545	TOTAL
MEAN	1.13	0.993	0.977	1.93	15.0	12.4	7.28	2.61	1.47	1.28	2.15	1.44	MEAN
MAX	1.30	1.32	1.20	5.16	28.5	17.7	9.06	6.10	2.12	1.65	2.67	2.10	MAX
MIN	0.925	0.560	0.845	0.931	5.76	8.73	6.30	1.50	0.744	0.771	1.46	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.08
MAXIMUM DAILY, 28.5 ON MAY 27
MINIMUM DAILY, 0.560B ON FEB 10
MAXIMUM INSTANTANEOUS,
28.7 AT 14:40 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 32 N
LONG 120 24 28 W
DRAINAGE AREA, 1 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 030	JUL	19 500
FEB	2 400	AUG	7 000
MAR	2 620	SEP	3 800
APR	4 990	OCT	3 420
MAY	40 100	NOV	5 580
JUN	32 200	DEC	3 850

TOTAL DISCHARGE, 128 000 dam³

NICOLA RIVER NEAR MERRITT - STATION NO. 08LG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.7	6.56	7.58	7.78	46.7	53.8	31.1	15.1	4.05	4.49	10.1	5.08	1
2	19.8	6.47	7.34	7.60	37.9	54.3	28.7	14.6	4.04	6.83	10.3	5.05	2
3	18.0	5.99	7.37	7.66	28.3	50.7	26.8	13.7	5.14	7.89	8.00	4.40	3
4	16.7	5.75	7.52	7.56	24.6	52.3	25.9	13.1	5.33	6.70	7.09	4.72	4
5	15.4	5.70	7.35	7.63	21.8	49.1	25.8	12.5	5.18	6.15	6.61	6.06	5
6	14.1	5.57	6.90	7.95	19.9	53.1	22.8	11.3	5.27	6.15	6.02	6.10	6
7	13.1	5.54	6.98	7.67	18.7	46.0	21.0	7.39	5.08	7.25	5.62	5.61	7
8	12.2	5.77	6.84	7.51	18.2	40.9	19.8	6.79	4.93	8.93	5.34	5.05	8
9	11.8	5.82	6.70	7.44	18.9	39.6	19.4	6.53	4.41	7.87	5.25	5.04	9
10	11.2	4.06	6.67	7.26	20.0	37.9	19.6	6.17	4.28	7.22	5.04	5.45	10
11	10.4	4.87	6.67	7.21	20.5	36.0	18.4	5.91	4.45	6.65	4.95	5.06	11
12	9.78	5.40	6.73	7.02	23.8	34.2	17.6	5.67	4.11	6.13	6.21	4.08	12
13	9.46	6.23	6.77	6.92	27.5	34.2	17.4	5.57	4.06	5.84	8.00	4.30	13
14	8.90	6.77	6.88	6.79	31.2	34.1	17.7	5.39	3.93	5.51	7.24	4.02	14
15	8.21	7.43	7.10	6.90	36.4	33.3	17.6	5.28	3.94	5.35	6.87	4.95	15
16	7.41	8.21	7.51	7.23	39.3	33.9	17.2	5.12	3.81	5.33	7.10	5.01	16
17	7.25	10.6	7.58	7.63	38.9	33.1	17.5	5.00	3.46	5.57	6.70	4.73	17
18	8.30	10.9	7.44	7.73	40.8	31.9	17.1	4.87	3.16	5.60	6.29	4.61	18
19	8.31	12.1	7.29	7.61	48.7	33.3	18.1	4.89	3.05	5.32	5.97	5.55	19
20	8.04	12.8	7.25	8.28	55.9	37.2	18.2	4.54	3.32	5.12	5.76	5.52	20
21	7.75	10.2	7.18	9.11	60.9	35.7	17.6	4.57	3.50	5.01	5.62	4.92	21
22	7.84	8.99	7.22	8.92	57.3	33.0	18.3	4.45	3.38	4.69	5.66	4.70	22
23	8.90	8.68	7.32	11.3	55.8	32.8	18.6	4.33	3.54	4.46	5.48	4.10B	23
24	9.03	8.71	7.28	25.1	61.9	31.8	19.0	4.34	4.26	4.33	5.43	4.40B	24
25	8.68	8.49	7.30	25.2	70.8	31.9	19.6	4.03	4.50	4.18	5.14	5.00B	25
26	8.12	8.26	7.40	19.4	68.2	32.9	19.9	3.82	4.43	3.92	5.08	4.85B	26
27	7.80	8.07	7.32	17.3	60.2	33.1	19.1	3.70	4.48	4.32	4.99	4.60B	27
28	7.58	7.76	7.36	16.7	59.1	31.1	17.8	3.75	4.38	5.25	4.48	4.25B	28
29	7.60		7.89	24.1	60.0	29.8	16.9	3.82	4.45	5.57	4.58	3.75B	29
30	7.52		8.03	27.9	63.6	34.5	16.6	4.00	4.49	5.42	4.46	4.00B	30
31	7.14		7.85		60.0		15.8	3.94		5.36		3.80B	31
TOTAL	329.02	211.70	224.62	334.41	1 295.8	1 145.5	616.9	203.77	126.41	178.41	185.38	148.76	TOTAL
MEAN	10.6	7.56	7.25	11.1	41.8	38.2	19.9	6.57	4.21	5.76	6.18	4.80	MEAN
MAX	22.7	12.8	8.03	27.9	70.8	54.3	31.1	15.1	5.33	8.93	10.3	6.10	MAX
MIN	7.14	4.06	6.67	6.79	18.2	29.8	15.8	3.70	3.05	3.92	4.46	3.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 70.8 ON MAY 25
MINIMUM DAILY, 3.05 ON SEP 19
MAXIMUM INSTANTANEOUS,
75.3 AT 01:00 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 40 N
LONG 120 53 06 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 400	JUL	53 300
FEB	18 300	AUG	17 600
MAR	19 400	SEP	10 900
APR	28 900	OCT	15 400
MAY	112 000	NOV	16 000
JUN	99 000	DEC	12 900

TOTAL DISCHARGE, 432 000 dam³

NICOLA RIVER NEAR SPENCES BRIDGE - STATION NO. 08LG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.1	13.8	15.5	15.2	106	96.4	52.9	22.9	6.21	7.15	17.1	9.95	1
2	44.5	13.3	14.9	14.5	85.8	96.0	48.6	21.8	6.42	9.70	20.3	10.1	2
3	39.3	12.3	14.9	14.5	66.8	85.7	46.2	20.3	6.69	12.7	16.2	8.83	3
4	35.7	11.5	15.0	14.3	59.0	90.3	45.3	19.4	7.05	10.8	13.8	8.26	4
5	33.1	11.3	14.7	14.4	52.3	84.8	44.2	18.5	6.94	9.64	12.8	11.8	5
6	31.3	10.5	13.4	14.9	46.9	94.8	38.7	18.0	6.85	9.62	11.8	12.5	6
7	29.3	10.3	13.8	14.3	43.9	80.6	35.6	13.9	6.71	13.4	11.1	11.4	7
8	27.2	9.35B	13.5	13.8	41.9	69.6	33.9	12.0	6.52	16.2	10.5	10.2	8
9	25.9	9.70B	12.9	13.6	44.4	67.3	31.9	11.5	6.17	14.0	10.2	10.0	9
10	24.4	7.80	12.8	13.3	47.0	65.3	32.0	10.9	5.89	12.4	9.91	10.8	10
11	21.6	7.49	12.9	13.0	47.4	62.0	33.9	10.3	6.00	11.3	9.85	10.3	11
12	20.5	9.93	13.0	12.7	50.4	58.8	30.8	9.69	5.81	10.5	17.8	7.69	12
13	19.6	12.5	13.0	12.5	61.5	59.8	29.8	9.32	5.62	9.74	19.2	6.88	13
14	18.3	14.0	13.5	12.2	69.5	60.1	30.2	8.86	5.41	9.43	16.8	7.50	14
15	16.6	15.5	13.9	12.6	78.5	58.2	31.3	8.41	5.34	9.25	15.8	7.54	15
16	14.2	16.2	14.7	13.8	78.7	58.4	30.3	7.90	5.31	9.23	15.6	8.64	16
17	13.2	22.8	14.9	14.9	78.1	57.1	30.0	7.62	5.15	9.67	14.3	7.57	17
18	16.8	23.0	14.4	15.5	80.9	54.2	29.4	7.31	4.74	9.65	13.3	7.78	18
19	18.0	24.8	14.1	16.1	99.9	54.8	30.9	6.84	4.60	9.42	12.5	10.9	19
20	16.8	29.3	13.9	18.6	118	60.5	31.3	6.86	4.73	9.26	12.0	10.8	20
21	16.1	22.8	13.8	20.7	132	59.2	29.6	6.79	5.03	8.97	11.7	8.19	21
22	17.2	19.5	13.8	20.9	119	54.5	29.5	6.71	5.23	8.44	11.8	6.57	22
23	20.9	18.8	14.1	29.5	110	55.8	29.4	6.47	5.31	8.16	11.6	6.00	23
24	21.4	18.8	13.8	66.0	121	52.9	34.7	6.29	5.79	8.08	11.3	7.68	24
25	19.9	18.4	14.0	61.8	141	52.5	32.8	6.09	6.30	7.90	10.5	7.50B	25
26	18.4	17.5	14.3	47.0	129	55.6	31.8	5.85	6.39	7.67	10.8	7.20B	26
27	17.1	16.7	14.4	41.0	115	57.4	30.1	5.66	6.47	8.07	10.1	7.20B	27
28	17.1	16.1	14.5	38.7	112	56.0	28.3	5.50	6.66	9.76	9.83	7.60B	28
29	16.9		15.4	50.8	112	51.5	26.8	5.52	7.39	11.2	9.51	6.80B	29
30	16.3		15.8	63.8	124	57.5	25.9	6.02	7.29	10.6	9.09	6.20B	30
31	15.5		15.4		116		24.5	6.12		10.2		5.60B	31
TOTAL	714.2	433.97	439.0	724.9	2 687.9	1 967.6	1 040.6	319.33	180.02	312.11	386.09	265.98	TOTAL
MEAN	23.0	15.5	14.2	24.2	86.7	65.6	33.6	10.3	6.00	10.1	12.9	8.58	MEAN
MAX	51.1	29.3	15.8	66.0	141	96.4	52.9	22.9	7.39	16.2	20.3	12.5	MAX
MIN	13.2	7.49	12.8	12.2	41.9	51.5	24.5	5.50	4.60	7.15	8.83	5.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.9
MAXIMUM DAILY, 141 ON MAY 25
MINIMUM DAILY, 4.60 ON SEP 19
MAXIMUM INSTANTANEOUS,
144 AT 03:10 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 47 N
LONG 121 13 32 W
DRAINAGE AREA, 7 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 700	JUL	89 900
FEB	37 500	AUG	27 600
MAR	37 900	SEP	15 600
APR	62 600	OCT	27 000
MAY	232 000	NOV	33 400
JUN	170 000	DEC	23 000

TOTAL DISCHARGE, 818 000 dam³

NICOMEKL RIVER BELOW MURRAY CREEK - STATION NO. 08MH105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.43	0.946	0.806	4.57	1.22	0.466	0.551	0.264	0.307	2.87	16.3	9.09	1
2	1.58	0.799	0.705	2.20	1.14	0.445	0.435	0.249	0.217	3.68	3.99	12.9	2
3	1.23	0.694	2.70	2.20	2.04	0.465	0.399	0.248	0.195	1.47	1.96	4.47	3
4	1.03	0.618	2.47	1.97	6.31	0.472	0.383	0.256	0.192	1.02	1.25	3.02	4
5	0.912	0.547	1.14	11.8	2.07	2.87	0.367	0.246	0.192	0.659	0.928	3.21	5
6	0.842	0.507	0.915	3.57	1.26	7.53	0.350	0.239	0.182	2.60	0.783	3.19	6
7	0.781	0.479	0.786	1.58	1.89	1.25	0.509	0.235	0.177	8.21	0.675	2.71	7
8	0.724	0.484	0.708	2.57	2.55	1.54	0.416	0.231	0.176	1.96	0.600	1.68	8
9	0.788	0.461	0.615	2.02	2.55	3.89	0.362	0.246	0.173	3.00	0.558	3.80	9
10	0.763	0.397	0.551	1.20	1.35	7.37	0.346	0.270	0.184	1.52	0.541	11.8	10
11	0.667	0.363	0.522	2.43	2.38	6.40	0.329	0.255	0.173	0.793	3.04	4.91	11
12	0.601	2.40	0.495	4.38	1.21	1.81	0.317	0.250	0.161	0.583	12.1	2.80	12
13	0.568	9.07	0.467	4.09	0.853	5.36	0.317	0.250	0.150	0.484	3.27	1.63	13
14	0.537	7.68	0.447	1.53	0.793	2.79	0.331	0.244	0.151	0.447	5.96	3.34	14
15	0.512	7.89	0.538	1.08	0.734	1.16	0.312	0.247	0.148	0.426	7.09	4.27	15
16	0.491	12.1	1.89	0.903	0.608	1.22	0.299	0.245	0.148	0.401	8.31	2.69	16
17	0.484	9.43	0.807	0.735	0.575	0.795	0.287	0.241	0.147	0.396	3.95	1.54	17
18	1.03	10.0	0.611	0.644	0.567	3.65	0.430	0.237	0.147	0.393	13.0	2.89	18
19	1.06	8.50	0.527	0.586	0.622	8.31	0.723	0.229	0.157	0.395	5.05	12.7	19
20	0.774	4.14	0.475	0.554	0.585	2.48	0.610	0.239	0.195	0.389	6.10	5.76	20
21	1.47	8.87	0.447	0.913	0.551	1.60	0.383	0.241	0.287	0.380	4.76	2.12	21
22	2.05	2.97	0.588	12.3	0.518	3.37	0.336	0.233	0.245	0.376	13.6	1.41	22
23	3.64	1.72	2.04	6.68	0.496	3.26	0.314	0.232	0.210	0.374	11.5	1.54	23
24	1.89	1.58	1.41	4.06	0.569	1.34	0.295	0.225	0.321	0.367	4.57	5.51	24
25	1.25	3.49	2.45	1.64	3.10	0.770	0.279	0.259	0.250	0.369	4.00	3.77	25
26	2.20	2.16	1.19	1.06	1.16	0.558	0.264	0.263	0.216	0.442	3.18	5.08	26
27	2.18	1.27	0.806	1.36	0.681	0.471	0.256	0.242	0.263	1.21	1.64	3.20	27
28	1.99	0.987	1.06	5.77	0.538	0.428	0.249	0.230	0.375	5.81	1.20	2.70	28
29	2.55		10.1	4.06	0.498	0.513	0.289	0.235	0.281	4.86	1.26	1.75	29
30	2.26		9.12	2.09	0.556	0.538	0.283	0.235	0.287	3.03	3.73	1.35	30
31	1.22		11.3		0.509		0.272	0.259		12.1		1.04	31
TOTAL	40.504	100.552	58.686	90.545	40.483	73.121	11.293	7.575	6.307	61.014	144.895	127.87	TOTAL
MEAN	1.31	3.59	1.89	3.02	1.31	2.44	0.364	0.244	0.210	1.97	4.83	4.12	MEAN
MAX	3.64	12.1	11.3	12.3	6.31	8.31	0.723	0.270	0.375	12.1	16.3	12.9	MAX
MIN	0.484	0.363	0.447	0.554	0.496	0.428	0.249	0.225	0.147	0.367	0.541	1.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.09
MAXIMUM DAILY, 16.3 ON NOV 1
MINIMUM DAILY, 0.147 ON SEP 17
MAXIMUM INSTANTANEOUS,
24.3 AT 23:01 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 02 N
LONG 122 38 44 W
DRAINAGE AREA, 64.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 500	JUL	976
FEB	8 690	AUG	654
MAR	5 070	SEP	545
APR	7 820	OCT	5 270
MAY	3 500	NOV	12 500
JUN	6 320	DEC	11 000

TOTAL DISCHARGE, 65 800 dam³

NILE CREEK NEAR BOWSER - STATION NO. 08HB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.54 E	0.446	0.584	1.75	0.548	0.329	0.311	0.198	0.359	11.7	12.1	1.17	1
2	0.950	0.440	0.512	0.880	1.18	0.323	0.311	0.198	0.239	1.08	1.08	2.75	2
3	0.692	0.440	0.536	0.762	0.788	0.323	0.293	0.203	0.209	0.563	0.870	0.870	3
4	0.626	0.434	0.512	0.620	0.662	0.317	0.287	0.203	0.198	0.437	0.623	0.623	4
5	0.578	0.422	0.486	4.52	0.686	0.359	0.275	0.190	0.194	0.413	0.521	11.8	5
6	0.560	0.392	0.422	1.75	0.662	0.353	0.263	0.182	0.190	3.29	0.449	0.443	6
7	0.524	0.386	0.428	0.860	0.620	0.371	0.257	0.182	0.194	4.01	0.365	1.08	7
8	0.506	0.386	0.434	0.668	0.860	0.359	0.239	0.182	0.186	1.90	0.281	0.653	8
9	1.35	0.380	0.422	0.668	0.662	0.329	0.215	0.174	0.190	0.970	0.275	1.10	9
10	1.06	0.374	0.392	0.620	0.560	0.317	0.323	0.174	0.190	0.599	0.263	1.88	10
11	0.662	0.320	0.386	0.880	0.560	0.311	0.323	0.170	0.186	0.515	15.6	1.08	11
12	0.644	0.326	0.380	0.662	0.494	0.311	0.293	0.166	0.182	0.431	1.83	0.653	12
13	0.590	0.542	0.368	0.626	0.452	0.299	0.269	0.166	0.182	0.365	1.17	0.557	13
14	0.584	9.36	0.356	0.602	0.446	0.293	0.263	0.166	0.182	0.311	4.19	0.641	14
15	0.560	10.6	0.362	0.656	0.434	0.293	0.233	0.166	0.178	0.311	2.87	0.671	15
16	0.518	9.60	0.374	3.62	0.368	0.287	0.239	0.166	0.178	0.305	2.99	0.587	16
17	0.494	5.07	0.344	1.75	0.362	0.269	0.233	0.166	0.178	0.221	1.08	0.515	17
18	1.06	9.52	0.338	0.980	0.368	0.299	0.233	0.162	0.194	0.263	0.850	0.581	18
19	4.22	17.3	0.326	0.710	0.386	0.479	0.239	0.162	0.186	0.263	0.665	9.64	19
20	1.92	4.76	0.314	0.614	0.362	0.431	0.245	0.162	0.182	0.233	1.08	2.44	20
21	7.20	2.13	0.296	1.18	0.356	0.413	0.245	0.158	3.23	0.215	3.23	0.990	21
22	2.72	1.33	0.374	2.49	0.344	0.419	0.209	0.158	0.575	0.227	7.00	1.06	22
23	1.30	1.00	0.512	3.56	0.338	0.587	0.209	0.158	0.377	0.215	2.44	0.888	23
24	0.814	1.09	0.536	2.46	0.332	0.527	0.203	0.170	0.401	0.209	1.01	0.984	24
25	0.650	0.736	0.536	0.980	0.482	0.419	0.203	0.178	0.443	0.209	0.659	0.808	25
26	0.608	0.762	0.602	0.596	0.554	0.371	0.203	0.182	0.377	0.257	0.671	0.744	26
27	0.572	0.674	0.500	0.542	0.494	0.335	0.203	0.162	0.443	0.801	0.545	0.563	27
28	0.614	0.632	0.428	1.23	0.425	0.323	0.203	0.166	0.970	4.79	0.461	0.562	28
29	0.548		2.49	0.840	0.395	0.329	0.203	0.194	0.551	1.74	0.437	0.535	29
30	0.506		2.06	0.662	0.377	0.329	0.203	0.194	0.509	0.850	0.359	0.485	30
31	0.500		6.12		0.359		0.198	0.182		25.7		0.455	31
TOTAL	35.670	79.852	22.690	38.738	15.916	10.704	7.626	5.440	11.861	63.393	65.964	47.809	TOTAL
MEAN	1.15	2.85	0.732	1.29	0.513	0.357	0.246	0.175	0.395	2.04	2.20	1.54	MEAN
MAX	7.20	17.3	6.12	4.52	1.18	0.587	0.323	0.203	3.23	25.7	15.6	11.8	MAX
MIN	0.494	0.320	0.296	0.542	0.332	0.269	0.198	0.158	0.178	0.209	0.263	0.443	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 25.7 ON OCT 31
MINIMUM DAILY, 0.158 ON AUG 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 08 N
LONG 124 38 32 W
DRAINAGE AREA, 15.0 km²

E - ESTIMATED
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 080	JUL	659
FEB	6 900	AUG	470
MAR	1 960	SEP	1 020
APR	3 350	OCT	5 480
MAY	1 380	NOV	5 700
JUN	925	DEC	4 130

TOTAL DISCHARGE, 35 100 dam³

NOONS CREEK AT MERIDIAN SUBSTATION ROAD - STATION NO. 08GA065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.208	0.088	0.112	0.583	0.255	0.067	0.286	0.027	0.367	3.98	2.09	0.680E	1
2	0.148	0.074	0.093	0.446	0.227	0.058	0.155	0.023	0.127	1.06	0.742	1.10 E	2
3	0.119	0.069	0.182	0.488	0.335	0.201	0.100	0.019	0.065	0.388	0.412	0.296A	3
4	0.095	0.063	0.185	0.348	0.791	0.267	0.080	0.020	0.048	0.240	0.240	0.289	4
5	0.081	0.057	0.137	1.43	0.386	0.358	0.070	0.019	0.041	0.173	0.157	1.51	5
6	0.077	0.052	0.102	0.485	0.225	0.608	0.063	0.017	0.034	0.737	0.100E	0.457	6
7	0.071	0.047	0.091	0.285	0.228	0.245	0.097	0.013	0.028	1.40	0.080E	0.349	7
8	0.062	0.046	0.085	0.585	0.227	0.167	0.081	0.012	0.023	1.48	0.060E	0.248	8
9	0.087	0.043	0.088	0.404	0.234	0.231	0.066	0.012	0.023	1.08	0.052E	0.642	9
10	0.111	0.040	0.081	0.231	0.192	0.666	0.056	0.010	0.024	0.409	0.090E	1.09	10
11	0.085	0.037	0.072	0.203	0.167	0.422	0.053	0.010	0.021	0.215	0.250E	0.398	11
12	0.068	0.062	0.065	0.173	0.131	0.229	0.050	0.009	0.018	0.137	0.740E	0.186	12
13	0.064	0.457	0.059	0.173	0.105	0.500	0.051	0.008	0.014	0.101	0.370E	0.126	13
14	0.052	0.868	0.057	0.215	0.116	0.343	0.066	0.004	0.009	0.077	0.560E	0.170	14
15	0.049	2.96	0.096	0.272	0.142	0.199	0.056	0.004	0.008	0.066	0.680E	0.154	15
16	0.047	2.40	0.362	0.345	0.115	0.249	0.042	0.004	0.009	0.062	0.500E	0.113	16
17	0.043	1.21	0.150	0.331	0.097	0.206	0.039	0.005	0.007	0.054	0.400E	0.087	17
18	0.075	2.02	0.096	0.366	0.087	0.498	0.063	0.002	0.005	0.051	0.740E	0.349	18
19	0.102	0.748	0.074	0.378	0.113	0.805	0.087	0.003	0.020	0.047	0.450E	1.10	19
20	0.079	0.407	0.061	0.367	0.113	0.348	0.076	0.005	0.016	0.040	0.500E	0.395	20
21	0.146	0.608	0.054	0.724	0.092	0.254	0.062	0.010	0.184	0.036	0.800E	0.194	21
22	0.198	0.419	0.056	3.59	0.081	0.403	0.051	0.007	1.24	0.036	1.05 E	0.123	22
23	0.200	0.330	0.192	1.78	0.070	0.606	0.051	0.004	0.267	0.031	0.700E	0.096	23
24	0.154	0.283	0.195	0.841	0.127	0.397	0.046	0.003	0.153	0.032	0.540E	0.104	24
25	0.117	0.411	0.319	0.368	1.09	0.207	0.044	0.004	0.105	0.031	0.420E	0.094	25
26	0.111	0.279	0.205	0.226	0.289	0.137	0.041	0.002	0.079	0.056	0.350E	0.088	26
27	0.120	0.189	0.126	0.263	0.172	0.098	0.035	0.002	0.111	0.625	0.230E	0.079	27
28	0.115	0.141	0.175	1.26	0.119	0.085	0.032	0.002	0.409	0.809	0.170E	0.066	28
29	0.127		1.02	0.527	0.091	0.179	0.027	0.004	0.245	0.478	0.145E	0.060	29
30	0.105		0.844	0.334	0.088	0.249	0.031	0.002	0.587	0.474	0.300E	0.049	30
31	0.096		2.38		0.082		0.031	0.040		9.44		0.047	31
TOTAL	3.212	14.408	7.814	18.021	6.587	9.782	2.088	0.306	4.287	23.845	13.918	10.739	TOTAL
MEAN	0.104	0.515	0.252	0.601	0.212	0.326	0.067	0.010	0.143	0.769	0.464	0.346	MEAN
MAX	0.208	2.96	2.38	3.59	1.09	0.858	0.286	0.040	1.24	9.44	2.09	1.51	MAX
MIN	0.043	0.037	0.054	0.173	0.070	0.058	0.027	0.002	0.005	0.031	0.052	0.047	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.315
MAXIMUM DAILY, 9.44 ON OCT 31
MINIMUM DAILY, 0.002 ON AUG 18
MAXIMUM INSTANTANEOUS,
13.8 AT 15:09 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 10 N
LONG 122 49 22 W
DRAINAGE AREA, 2.59 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	278	JUL	180
FEB	1 240	AUG	26.4
MAR	675	SEP	370
APR	1 560	OCT	2 060
MAY	569	NOV	1 200
JUN	845	DEC	928

TOTAL DISCHARGE, 9 930 dam³

NORRISH CREEK NEAR DEWDNEY - STATION NO. 08MH058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.9	5.40	5.65	16.6	18.8	5.21	8.67	3.31	8.12	65.0	56.6	15.4	1
2	11.4	5.16	5.14	13.1	19.9	4.72	7.33	3.10	3.82	33.5	19.9	35.4	2
3	9.71	4.97	6.04	12.7	18.7	6.36	6.39	2.93	2.36	16.2	14.9	14.8	3
4	8.73	4.81	6.12	10.2	14.7	10.4	5.86	2.75	2.62	10.8	11.3	12.6	4
5	7.80	4.68	5.07	36.4	11.3	14.1	5.32	2.69	2.68	9.10	9.13	45.9	5
6	7.23	4.56	4.56	16.2	9.37	49.9	4.88	2.60	2.03	30.6	7.73	21.5	6
7	6.52	4.41	4.23	12.2	8.62	15.4	5.74	2.45	1.88	45.9	6.61	14.7	7
8	6.20	4.29	3.93	13.8	8.89	11.2	5.77	2.37	1.77	23.9	5.82	11.5	8
9	8.52	4.10	3.65	13.5	13.8	21.0	4.70	2.22	1.77	27.0	5.33	23.9	9
10	6.95	3.71	3.45	10.9	10.3	35.8	4.69	2.13	1.91	17.6	4.89	40.4	10
11	6.18	3.87	3.36	10.4	11.2	30.1	4.42	2.02	1.73	11.7	36.8	18.5	11
12	5.81	5.37	3.24	8.72	9.33	14.6	4.00	1.94	1.69	8.78	45.0	12.9	12
13	5.49	8.68	3.20	7.69	9.58	16.4	4.85	1.87	1.65	7.18	17.2	10.5	13
14	5.25	42.2	3.11	7.73	10.8	14.4	6.75	1.81	1.61	5.97	30.1	12.9	14
15	5.05	77.0	3.30	10.6	10.2	11.1	4.94	1.76	1.59	5.07	31.2	10.9	15
16	4.87	86.6	5.36	26.3	7.82	13.9	4.29	1.73	1.59	4.43	33.7	8.91	16
17	4.78	83.7	3.48	15.5	6.89	13.8	4.04	1.69	1.56	3.93	18.2	7.82	17
18	5.70	58.3	3.10	13.9	7.13	14.7	3.74	1.66	1.54	3.61	30.4	10.2	18
19	5.43	42.6	2.88	15.4	7.97	26.0 E	4.95	1.65	1.62	3.38	18.5	42.1	19
20	4.93	22.2	2.70	16.0	7.10	16.0 E	5.14	1.67	1.99	3.16	17.0	20.3	20
21	7.43	21.6	2.61	18.7	6.63	14.0 E	4.40	1.65	4.59	2.96	35.5	12.8	21
22	10.8	15.6	4.99	65.4	5.58	20.0 E	3.92	1.61	8.54	2.82	43.8	10.1	22
23	9.47	12.7	5.06	53.0	5.20	23.0 E	3.70	1.58	6.27	2.73	22.3	8.87	23
24	7.78	10.9	4.72	47.2	6.59	17.1 A	3.53	1.58	5.64	2.66	17.2	8.50	24
25	6.94	10.1	8.43	20.0	14.2	12.6	3.38	1.60	4.48	2.63	13.7	7.82	25
26	7.07	8.27	7.05	13.9	9.31	10.1	3.18	1.58	3.29	9.85	11.1	7.37	26
27	7.43	7.02	5.45	12.1	6.59	8.79	3.02	1.54	6.54	17.9	9.26	6.58	27
28	6.45	6.22	8.71	58.2	5.77	7.67	2.90	1.51	22.8	35.7	7.93	5.82	28
29	6.35		17.6	35.7	5.58	9.72	5.13	1.51	9.58	20.6	7.41	5.31	29
30	5.94		19.5	25.3	7.60	9.08	5.21	1.52	8.18	18.3	7.67	4.86	30
31	5.66		35.1		6.98		3.77	1.74		74.9		4.55	31
TOTAL	221.77	569.02	200.79	637.34	302.43	477.15	148.61	61.77	125.44	527.86	596.18	473.71	TOTAL
MEAN	7.15	20.3	6.48	21.2	9.76	15.9	4.79	1.99	4.18	17.0	19.9	15.3	MEAN
MAX	13.9	86.6	35.1	65.4	19.9	49.9	8.67	3.31	22.8	74.9	56.6	45.9	MAX
MIN	4.78	3.71	2.61	7.69	5.20	4.72	2.90	1.51	1.54	2.63	4.89	4.55	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.9
MAXIMUM DAILY, 86.6 ON FEB 16
MINIMUM DAILY, 1.51 ON AUG 28
MAXIMUM INSTANTANEOUS,
137 AT 16:33 PST ON OCT 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 39 N
LONG 122 09 09 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 200	JUL	12 800
FEB	49 200	AUG	5 340
MAR	17 300	SEP	10 800
APR	55 100	OCT	45 600
MAY	26 100	NOV	51 500
JUN	41 200	DEC	40 900

TOTAL DISCHARGE, 375 000 dam³

NORTH ALOUETTE RIVER AT 232ND STREET, MAPLE RIDGE - STATION NO. 08MH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.17	0.990	1.02	7.17	3.70	1.18	2.97	0.402	0.787	23.2 E	18.4	8.39	1
2	1.61	0.856	0.897	4.44	2.87	1.19	1.96	0.353	0.467	10.9	4.87	11.6	2
3	1.33	0.772	1.50	6.42	3.29	3.59	1.56	0.318	0.311	4.57	2.56	4.61	3
4	1.13	0.710	1.85	3.53	4.94	2.88	1.30	0.308	0.250	2.73	1.65	3.13	4
5	0.957	0.636	1.34	13.1	2.90	7.27	1.14	0.283	0.230	1.96	1.21	6.25	5
6	0.853	0.579	1.08	4.90	2.05	6.79	0.916	0.266	0.212	5.41	0.971	3.99	6
7	0.772	0.539	0.964	2.77	1.84	2.87	1.11	0.254	0.197	13.2	0.801	2.98	7
8	0.690	0.497	0.882	5.62	2.02	2.00	1.08	0.248A	0.188	10.0	0.650	2.37	8
9	0.910	0.474	0.799	5.15	3.52	3.25	0.840	0.242E	0.190	9.07	0.559	4.41	9
10	1.02	0.378B	0.743	3.05	2.78	6.41	0.755	0.228E	0.193	3.74	0.503	8.78	10
11	0.785	0.364B	0.710	3.82	2.16	4.33	0.727	0.214A	0.178	2.20	2.35	4.47	11
12	0.692	0.597	0.706	3.40	1.82	2.65	0.640	0.206	0.165	1.47	7.65	2.49	12
13	0.648	2.90	0.714	2.65	1.93	6.27	0.660	0.197	0.158	1.10	3.58	1.90	13
14	0.594	7.48	0.667	2.34	2.00	3.97	0.899	0.192A	0.152	0.873	5.50	2.86	14
15	0.535	23.4	0.699	2.63	1.88	2.50	0.733	0.190E	0.146	0.749	6.95	2.15	15
16	0.513	24.6	2.01	2.96	1.39	3.31	0.673	0.184E	0.141	0.658	5.87	1.60	16
17	0.497	14.6	1.12	2.52	1.23	2.68	0.630	0.174E	0.139	0.571	3.91	1.26	17
18	0.786	17.3	0.845	2.20	1.34	5.08	0.605	0.172A	0.139	0.511	7.78	2.23	18
19	1.17	8.29	0.716	2.41	2.01	12.0	0.756	0.168	0.152	0.465	4.50	8.46	19
20	0.862	4.24	0.630	2.42	1.69	5.62	0.753	0.170	0.254	0.426	4.75	4.64	20
21	1.94	7.81	0.576	4.26	1.57	3.32	0.643	0.175	1.20	0.392	8.12	2.53	21
22	2.44	4.81	1.03	27.6	1.24	4.97	0.561	0.168	5.44	0.360	11.1	1.68	22
23	2.47	3.01	2.06	19.3	1.11	6.11	0.509	0.166	1.82	0.328	7.50	1.36	23
24	1.98	2.25	2.11	9.93	2.49	3.84	0.467	0.157	1.55	0.305	5.38	1.42	24
25	1.62	2.38	3.60	3.78	5.89	2.54	0.449	0.168	1.24	0.294	3.98	1.37	25
26	1.96	1.83	2.63	2.31	2.64	1.96	0.427	0.176	0.809	0.847	3.43	1.35	26
27	2.55	1.45	1.73	2.32	1.81	1.55	0.398	0.158	1.71	4.86	2.21	1.18	27
28	1.90	1.19	2.92	14.7	1.51	1.27	0.369	0.149	5.86	6.98	1.56	1.02	28
29	1.59		11.3	8.19	1.75	3.23	0.382	0.150	2.71	4.48	1.36	0.868	29
30	1.37		9.25	5.51	2.28	3.15	0.580	0.143	3.13	4.95	1.83	0.767	30
31	1.16		21.2		1.68		0.496	0.223		73.1		0.661	31
TOTAL	39.504	134.932	78.298	181.40	71.33	117.78	25.988	6.602	30.118	190.699	131.484	102.736	TOTAL
MEAN	1.27	4.82	2.53	6.05	2.30	3.93	0.838	0.213	1.00	6.15	4.38	3.31	MEAN
MAX	2.55	24.6	21.2	27.6	5.89	12.0	2.97	0.402	5.86	73.1	18.4	11.6	MAX
MIN	0.497	0.364	0.576	2.20	1.11	1.18	0.369	0.143	0.139	0.294	0.503	0.661	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.04
MAXIMUM DAILY, 73.1 ON OCT 31
MINIMUM DAILY, 0.139 ON SEP 17
MAXIMUM INSTANTANEOUS,
107 AT 13:24 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 34 N
LONG 122 34 42 W
DRAINAGE AREA, 37.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 410	JUL	2 250
FEB	11 700	AUG	570
MAR	6 760	SEP	2 600
APR	15 700	OCT	16 500
MAY	6 160	NOV	11 400
JUN	10 200	DEC	8 880

TOTAL DISCHARGE, 96 100 dam³

NORTH THOMPSON RIVER AT BIRCH ISLAND - STATION NO. 08LB047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	99.1B	44.2B	47.7	72.5	123	525	338	303	171	94.6	200	59.7	1
2	88.6B	41.6B	46.7E	70.2	188	490	336	286E	230	181	117	56.6	2
3	82.7B	37.7B	45.0E	72.5	194	481	443	270	181	130	120	53.2E	3
4	75.9B	35.4B	46.0B	53.2	136	452	472	255	167	105	150	49.8	4
5	68.5B	33.4B	45.5B	59.2	179	430	486	255	165	127 E	165	54.1	5
6	69.7B	30.0B	44.5B	55.4	175	389	442	255	150	114 E	140 E	58.1	6
7	71.6B	27.8B	46.0	57.1	170	375	406	268	145	116	114	48.1	7
8	73.3B	26.2B	46.4	53.2	169	318	347	297	127	157	100	46.4	8
9	74.8B	25.5B	45.6	53.7	173	197	265	285	118	140	91.7	45.6	9
10	74.2B	27.6B	46.7E	53.0E	192	251	247	291	112	95.7	87.2	46.4	10
11	74.8B	31.7B	47.7	52.4E	188	226	249	288	127 E	105	91.7	46.4	11
12	75.6B	35.4B	43.0	51.5	221	259	251	300	142	88.0	95.7	42.2	12
13	76.5B	38.5B	44.7	49.4	235	282	276E	307	123	83.3	161	22.3	13
14	76.7B	45.9B	44.7	48.1E	255	276	301	277	102	82.7E	135 E	22.1B	14
15	75.0B	60.6B	46.0B	46.9	273	306	312	259	109	82.1	109	22.7B	15
16	68.8B	67.1B	47.0B	43.5	294E	330	345	265	122	75.9E	109 E	22.4B	16
17	69.4B	69.7B	48.0B	48.6	317	360	353	252	150	69.7	109	23.7B	17
18	70.2B	68.0B	54.1	57.8E	369	313	387	253	158 E	78.7	97.5	25.8B	18
19	72.2B	70.2B	52.8	67.1E	395	288	396	233	167	65.1	100	30.0B	19
20	73.6B	66.0B	51.1	76.5	429	277	392	247	167	70.8	100	32.3B	20
21	75.3B	62.3B	49.8	91.7	481	296	403	259	129	61.7	85.5	28.6B	21
22	76.2B	60.7	49.8	100	524	286	392	230E	111	67.4	81.0E	26.4B	22
23	78.7B	61.4E	49.8	102	604	282	389	201	94.0	59.7	76.5	22.9B	23
24	81.3B	62.3	49.8E	114 E	590	290	355	209E	88.9	57.7	74.2	23.4B	24
25	83.3B	57.7	49.8	135 E	612	286	294	218	80.4	43.9	74.5E	23.0B	25
26	80.7B	53.2	52.8	100	687	306	251	255	78.7E	57.7	74.8	22.2B	26
27	76.2B	51.8E	54.1	141	687	339	273	236	77.0E	65.1	68.2E	22.1B	27
28	71.6B	50.3	52.0	131	553	307	345	200	75.3	92.9E	61.7	23.2B	28
29	67.4B		58.2	138	448	286	385	191E	83.3	120	54.1	20.7B	29
30	60.9B		62.3	139	438	306	333	183	83.3	118	62.9	18.3B	30
31	54.9B		65.1		550		302	157		185		16.8B	31
TOTAL	2 317.7	1 342.2	1 532.7	2 333.5	10 849	9 809	10 766	7 785	3 833.9	2 970.7	3 106.2	1 051.5	TOTAL
MEAN	74.8	47.9	49.4	77.8	350	327	347	251	128	95.8	104	33.9	MEAN
MAX	99.1	70.2	65.1	141	687	525	486	307	230	185	200	59.7	MAX
MIN	54.9	25.5	43.0	43.5	123	197	247	157	75.3	43.9	54.1	16.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 158
MAXIMUM DAILY, 687 ON MAY 26
MINIMUM DAILY, 16.8B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 36 10 N
LONG 119 54 55 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	200 000	JUL	930 000
FEB	116 000	AUG	673 000
MAR	132 000	SEP	331 000
APR	202 000	OCT	257 000
MAY	937 000	NOV	268 000
JUN	847 000	DEC	90 800

TOTAL DISCHARGE, 4 980 000 dam³

NORTH THOMPSON RIVER AT MCLURE - STATION NO. 08LB064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	297B	209	170	190	441	1 700	900	782	421	236	274	190	1
2	280B	185	164	195	554	1 600	933	755	448	283	349	185	2
3	240	180	162	195	595	1 540	933	727	507	380	507	179	3
4	186	176	164	195	578	1 540	989	673	473	355	487	170	4
5	212	173	164	193	561	1 560	1 130	652	458	308	448	167	5
6	231	171B	159	185	555	1 500	1 130	629	454	286	407	176	6
7	229	161B	155	181	550	1 450	1 070	617	422	319	367	173	7
8	226	152B	152	179	546	1 340	1 010	623	404	408	337	164	8
9	223	142B	149	176	554	1 210	909	629	407	408	300	156	9
10	214	139B	151	173	595	1 120	817	631	420	389	293	156	10
11	209	142	149	171	638	1 060	746	623	421	338	278	156	11
12	204	146	144	168	644	1 010	723	624	390	310	277	151	12
13	197	153	147	162	656	958	722	631	363	288	310	146	13
14	185	159	146	159	695	917	723	627	344	265	326	139	14
15	181	166	147	159	750	924	761	605	367	247	311	129	15
16	176	176	148	160	807	956	812	600	301	241	308	126 B	16
17	163	183	155	165	853	1 000	839	585	309	234	297	122 B	17
18	152	184	161	167	942	996	855	563	331	235	284	118 B	18
19	168	187	161	171	1 100	949	875	554	351	231	268	119 B	19
20	176	193	159	185	1 120	911	922	534	366	224	252	123 B	20
21	173	193	159	215	1 240	902	944	529	353	216	249	124 B	21
22	173	189	156	234	1 340	893	971	531	321	209	242	120 B	22
23	185	181	156	260	1 450	886	940	498	292	202	237	115 B	23
24	218	181	157	308	1 540	889	920	483	272	193	229	113 B	24
25	249	179	156	403	1 610	879	908	479	258	190	221	110 B	25
26	254	176	158	446	1 750	875	879	494	243	197	213	108 B	26
27	246	174	161	412	1 880	913	809	512	240	198	205	105 B	27
28	231	173	166	387	1 760	917	805	495	222	211	199	104 B	28
29	227		170	385	1 540	884	834	456	222	251	191	102 B	29
30	221		178	408	1 450	871	841	435	226	301	190	100 B	30
31	220		186		1 560		802	432		283		99.4B	31
TOTAL	6 546	4 823	4 910	6 987	30 854	33 150	27 452	18 008	10 606	8 436	8 856	4 245.4	TOTAL
MEAN	211	172	158	233	995	1 110	886	581	354	272	295	137	MEAN
MAX	297	209	186	446	1 880	1 700	1 130	782	507	408	507	190	MAX
MIN	152	139	144	159	441	871	722	432	222	190	190	99.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 452
MAXIMUM DAILY, 1 880 ON MAY 27
MINIMUM DAILY, 99.4B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 02 29 N
LONG 120 14 28 W
DRAINAGE AREA, 19 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	566 000	JUL	2 370 000
FEB	417 000	AUG	1 560 000
MAR	424 000	SEP	916 000
APR	604 000	OCT	729 000
MAY	2 670 000	NOV	765 000
JUN	2 860 000	DEC	367 000

TOTAL DISCHARGE, 14 200 000 dam³

NUSATSUM RIVER NEAR HAGENSBORG - STATION NO. 08FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2	5.99	4.59	3.69	16.3	23.7	24.7	23.1	19.8	45.7	17.8	6.31	1
2	12.0	6.00	4.44	3.65	11.0	23.6	30.9	23.3	17.1	12.8	53.8	6.27	2
3	11.3	5.64	4.55	3.50	9.22	28.3	40.8	24.5	16.5	9.28	40.7	5.79	3
4	10.8	5.50	4.24	3.56	9.07	24.9	33.1	24.0	16.7	7.99	20.1	5.64	4
5	10.5	5.12	4.01	4.74	10.8	24.0	28.7	26.1	15.8	7.30	17.0	5.83	5
6	11.3	5.01	4.04	4.11	13.4	24.3	26.2	33.8	19.2	7.42	14.3	5.67	6
7	10.5	4.94	3.94	3.78	14.1	18.4	21.1	40.0	24.7	7.90	11.8	5.28	7
8	9.82	4.85	3.83	3.85	14.2	16.1	19.0	44.3	26.2	7.93	15.9	5.05	8
9	9.31	4.53	3.76	3.71	13.9	16.6	18.3	46.4	34.0	7.19	22.0	5.10	9
10	8.71	4.46	3.73	3.56	11.3	18.3	20.3	47.4	22.3	6.59	16.0	5.15	10
11	8.33	4.33	3.71	3.48	10.0	20.7	28.6	44.5	20.5	6.20	35.6	5.01	11
12	8.16	4.46	3.71	3.26	11.0	17.3	31.5	36.2	14.5	5.89	21.2	4.82	12
13	8.09	4.77	3.77	3.26	13.0	17.2	32.8	34.6	12.4	5.95	13.1	4.73	13
14	7.70	5.67	3.74	3.24	15.2	18.8	30.9	32.7	13.9	6.78	10.9	4.75	14
15	7.43	6.74	3.88	3.20	16.4	20.4	33.7	28.8	16.8	7.96	9.98	4.69	15
16	7.31	6.88	3.82	3.26	13.9	19.1	36.2	26.5	20.7	10.7	9.15	4.58	16
17	7.18	7.00	3.63	3.27	15.7	15.9	47.1	24.7	23.6	8.35	8.44	4.46	17
18	7.38	7.33	3.60	3.22	17.3	16.5	53.5	27.8	33.1	8.80	8.01	4.43	18
19	15.3	7.26	3.45	3.33	25.6	18.8	48.6	28.3	18.5	7.58	7.75	4.58	19
20	17.1	7.32	3.53	3.74	27.6	21.0	40.0	24.8	12.7	6.19	7.39	4.75	20
21	16.8	7.24	3.57	4.07	26.9	17.8	35.8	22.2	10.7	5.75	7.13	4.54	21
22	15.2	7.31	3.71	5.20	24.8	17.5	34.8	23.0	10.1	5.52	6.87	4.38	22
23	12.3	6.46	3.61	18.4	24.2	18.0	36.6	22.9	8.75	5.60	6.68	4.41	23
24	10.3	6.06	3.50	17.2	32.9	19.7	38.6	24.3	7.62	6.74	6.48	4.38	24
25	9.00	5.53	3.55	10.3	35.0	20.8	41.7	20.9	6.87	8.37	6.33	4.34	25
26	8.45	5.09	3.40	7.93	27.1	21.0	45.2	17.1	6.31	6.91	6.03	4.34	26
27	7.79	4.88	3.39	7.44	20.5	20.3	39.2	16.1	6.20	6.88	5.74	4.05	27
28	7.20	4.63	3.98	9.30	20.0	19.5	32.3	15.1	7.94	7.30	5.91	3.75B	28
29	6.83		4.03	9.32	24.4	29.0	26.5	15.3	6.80	6.56	5.92	3.45B	29
30	6.56		3.76	13.7	32.7	28.4	25.5	15.1	63.3	13.3	5.78	3.25B	30
31	6.22		3.89		27.6		24.3	19.4		60.4		3.05B	31
TOTAL	308.07	161.00	118.36	174.27	585.09	615.9	1 022.5	853.2	533.59	327.83	423 79	146.83	TOTAL
MEAN	9.94	5.75	3.82	5.81	18.9	20.5	33.0	27.5	17.8	10.6	14.1	4.74	MEAN
MAX	17.1	7.33	4.59	18.4	35.0	29.0	53.5	47.4	63.3	60.4	53.8	6.31	MAX
MIN	6.22	4.33	3.39	3.20	9.07	15.9	18.3	15.1	6.20	5.52	5.74	3.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 63.3 ON SEP 30
MINIMUM DAILY, 3.05B ON DEC 31
MAXIMUM INSTANTANEOUS,
156 AT 22:36 PST ON SEP 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 20 N
LONG 126 27 30 W
DRAINAGE AREA, 269 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 600	JUL	88 300
FEB	13 900	AUG	73 700
MAR	10 200	SEP	46 100
APR	15 100	OCT	28 300
MAY	50 600	NOV	36 600
JUN	53 200	DEC	12 700

TOTAL DISCHARGE, 455 000 dam³

OKANAGAN LAKE AT KELOWNA - STATION NO. 08NM083

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.527	1.512	1.539	1.588	1.704	2.207	2.213	2.097	1.817	1.664	1.599	1.578	1
2	1.527	1.509	1.542	1.588	1.722	2.216	2.204	2.094	1.811	1.661	1.597	1.580	2
3	1.527	1.506	1.542	1.594	1.737	2.222	2.204	2.082	1.811	1.655	1.596	1.578	3
4	1.521	1.506	1.551	1.597	1.759	2.225	2.192	2.067	1.804	1.649	1.594	1.570	4
5	1.521	1.503	1.554	1.594	1.771	2.228	2.185	2.060	1.801	1.646	1.593	1.574	5
6	1.524	1.503	1.554	1.600	1.783	2.228	2.179	2.054	1.795	1.649	1.591	1.571	6
7	1.527	1.500	1.551	1.603	1.792	2.228	2.170	2.045	1.789	1.649	1.588	1.570	7
8	1.521	1.503	1.554	1.609	1.798	2.225	2.161	2.039	1.789	1.649	1.589	1.574	8
9	1.518	1.500	1.554	1.609	1.804	2.237	2.161	2.033	1.786	1.652	1.592	1.575	9
10	1.521	1.497	1.558	1.606	1.807	2.249	2.155	2.021	1.777	1.649	1.590	1.573	10
11	1.521	1.497	1.558	1.603	1.811	2.252	2.155	2.015	1.774	1.643	1.589	1.565	11
12	1.518	1.497	1.561	1.606	1.820	2.256	2.155	2.012	1.768	1.634	1.588	1.562	12
13	1.515	1.500	1.561	1.606	1.826	2.265	2.155	2.006	1.762	1.631	1.588	1.559	13
14	1.509	1.500	1.558	1.609	1.835	2.265	2.158	1.996	1.753	1.628	1.594	1.560	14
15	1.512	1.503	1.558	1.609	1.850	2.268	2.158	1.987	1.747	1.622	1.592	1.559	15
16	1.506	1.509	1.561	1.609	1.865	2.265	2.155	1.972	1.740	1.618	1.591	1.559	16
17	1.506	1.509	1.564	1.609	1.884	2.262	2.152	1.960	1.737	1.612	1.591	1.555	17
18	1.506	1.509	1.567	1.609	1.902	2.262	2.158	1.957	1.734	1.609	1.591	1.554	18
19	1.506	1.515	1.567	1.615	1.917	2.268	2.155	1.945	1.728	1.612	1.589	1.558	19
20	1.506A	1.512	1.567	1.618	1.939	2.268	2.155	1.935	1.719	1.609	1.589	1.555	20
21	1.506E	1.509	1.567	1.618	1.969	2.262	2.152	1.926	1.716	1.600	1.590	1.555	21
22	1.506E	1.512	1.564	1.625	1.996	2.262	2.149	1.908	1.710	1.597	1.589	1.554	22
23	1.509E	1.518	1.567	1.628	2.024	2.259	2.146	1.902	1.701	1.591A	1.592	1.551	23
24	1.509E	1.515	1.567	1.637	2.045	2.256	2.140	1.893	1.695	1.590	1.591	1.547	24
25	1.512E	1.533	1.570	1.652	2.079	2.249	2.143	1.887	1.689	1.586	1.589	1.543	25
26	1.512E	1.536	1.573	1.658	2.112	2.243	2.137	1.868	1.682	1.586	1.586	1.543	26
27	1.512A	1.539	1.576	1.667	2.146	2.237	2.134	1.847	1.682	1.588	1.585	1.545	27
28	1.512	1.536	1.576	1.673	2.167	2.228	2.128	1.838	1.682	1.594	1.583	1.541	28
29	1.515		1.582	1.679	2.179	2.219	2.121	1.835	1.679	1.594	1.578	1.538	29
30	1.515		1.585	1.689	2.188	2.213	2.112	1.829	1.670	1.595	1.578	1.538	30
31	1.512		1.585		2.201		2.109	1.823		1.598		1.531	31
MEAN	1.515	1.510	1.562	1.620	1.917	2.244	2.156	1.966	1.745	1.621	1.590	1.559	MEAN
MAX	1.527	1.539	1.585	1.689	2.201	2.268	2.213	2.097	1.817	1.664	1.599	1.580	MAX
MIN	1.506	1.497	1.539	1.588	1.704	2.207	2.109	1.823	1.670	1.586	1.578	1.531	MIN

WATER LEVELS IN METRES

MEAN, 1.752
MAXIMUM DAILY, 2.268 ON JUN 15
MINIMUM DAILY, 1.497 ON FEB 10
MAXIMUM INSTANTANEOUS,
2.274 AT 10:26 PST ON JUN 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 340.297 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 10 N
LONG 119 29 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

OKANAGAN RIVER AT OKANAGAN FALLS - STATION NO. 08NM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.4	5.49	6.31	6.46	6.38	62.3	56.1	40.5	16.3	16.8	9.00	10.2	1
2	10.3	5.55	6.29	6.43	6.37	66.5	53.0	40.5	16.0	16.9	9.23	10.4	2
3	10.4	5.49	6.29	6.46	6.34	67.7	49.6	40.8	16.1	17.0	9.24	10.3	3
4	10.6	5.52	6.34	6.31	6.40	67.4	50.1	40.8	16.0	17.0	9.65	10.2	4
5	10.5	5.52	5.64	6.26	6.43	64.3	50.4	40.8	15.9	16.9	10.5	10.1	5
6	10.4	4.90	5.15	6.34	6.40	59.5	50.7	41.1	15.7	16.9	10.6	10.2	6
7	10.5	4.59	5.13	5.41	15.3	59.7	50.7	41.3	15.9	17.0	10.6	10.1	7
8	10.5	4.56	5.18	5.49	28.9	60.0	50.7	41.1	16.0	16.9	10.6	10.1	8
9	10.5	4.53	5.21	6.37	32.6	60.6	50.1	41.3	16.0	16.6	10.6	10.1	9
10	10.5	4.53	5.24	6.37	32.0	64.8	49.3	26.6	16.1	16.6	10.5	10.1	10
11	10.6	4.47	5.15	6.34	31.4	68.0	49.3	17.4	15.9	16.5	10.4	10.1	11
12	10.6	4.50	5.15	6.29	31.7	68.0	49.3	18.0	16.1	16.5	10.3	10.1	12
13	10.5	4.47	5.13	6.29	31.1	68.0	49.3	28.9	16.3	16.7 A	10.3	10.1	13
14	10.4	4.45	5.07	6.31	30.6	68.0	47.3	41.3	16.3	16.9	10.4	10.0	14
15	10.4	4.50	5.10	6.34	30.9	68.2	44.2	40.8	16.3	16.7	10.4	10.0	15
16	10.4	5.44	5.07	6.29	31.1	68.5	43.6	40.8	16.2	14.2	10.3	10.1	16
17	10.4	6.14	5.13	6.31	31.1	67.1	43.6	40.5	16.3	11.1	10.3	9.98	17
18	10.4	11.6	5.10	6.31	31.4	65.1	43.9	40.5	16.2	11.1	10.3	9.98	18
19	10.3	9.83	5.07	6.40	31.4	64.8	43.6	40.5	16.3	11.1	10.3	10.0	19
20	10.4	6.14	5.07	6.40	31.7	64.8	43.6	40.2	16.3	11.2	10.3	10.0	20
21	10.4	6.09	4.98	6.40	41.9	64.6	43.9	40.2	16.1	11.2	10.3	10.1	21
22	10.4	6.12	5.01	6.37	52.7	64.8	43.6	39.9	16.4	11.3	10.3	10.1	22
23	10.4	6.26	5.78	6.31	56.9	65.4	43.6	39.6	17.0	11.2	10.3	10.1	23
24	10.4	6.23	6.43	6.40	56.6	65.4	43.3	25.6	16.8	11.2	10.3	10.1	24
25	10.3	6.23	6.43	6.40	33.4	65.7	43.3	29.7	16.9A	11.2	10.3	10.1	25
26	10.3	6.17	6.51	6.37	16.7	64.8	43.3	38.5	16.8	11.8	10.3	10.1	26
27	10.4	6.23	6.51	6.31	31.7	64.6	42.8	38.5	16.7	12.6	10.3	10.1	27
28	8.07	6.29	6.46	6.31	47.9	65.4	41.3	38.2	16.7	12.5	10.3	10.1	28
29	5.66		6.48	6.43	57.2	63.1	40.2	38.2	16.8	11.6	10.2	10.0	29
30	5.58		6.43	6.37	57.2	57.8	40.5	38.2	16.8	9.61	10.3	10.1	30
31	5.58		6.43		57.8		40.5	27.6		8.97		10.1	31
TOTAL	306.49	161.84	175.27	188.85	969.48	1 944.9	1 434.7	1 137.9	489.2	433.78	306.72	313.16	TOTAL
MEAN	9.89	5.78	5.65	6.30	31.3	64.8	46.3	36.7	16.3	14.0	10.2	10.1	MEAN
MAX	10.6	11.6	6.51	6.46	57.8	68.5	56.1	41.3	17.0	17.0	10.6	10.4	MAX
MIN	5.58	4.45	4.98	5.41	6.34	57.8	40.2	17.4	15.7	8.97	9.00	9.98	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.5
MAXIMUM DAILY, 68.5 ON JUN 16
MINIMUM DAILY, 4.45 ON FEB 14
MAXIMUM INSTANTANEOUS,
69.7 AT 11:40 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 26 N
LONG 119 34 40 W
DRAINAGE AREA, 6 860 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 500	JUL	124 000
FEB	14 000	AUG	98 300
MAR	15 100	SEP	42 300
APR	16 300	OCT	37 500
MAY	83 800	NOV	26 500
JUN	168 000	DEC	27 100

TOTAL DISCHARGE, 679 000 dam³

OKANAGAN RIVER AT PENTICTON - STATION NO. 08NM050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.49	4.22	4.79	2.92	3.68	53.5	50.7	39.4	17.3	15.9	10.9	9.11	1
2	9.46	5.38	4.81	2.92	3.68	53.5	50.7	39.1	17.3	15.9	11.0	9.13	2
3	9.46	4.22	4.79	2.92	3.65	56.6	50.4	39.1	17.2	15.9	11.0	9.13	3
4	9.37	4.19	4.79	2.94	3.71	58.3	50.4	38.8	17.2	15.8	11.0	9.15	4
5	9.40	4.19	4.11	2.94	3.14	58.6	50.4	38.8	17.2	15.7	10.0	9.15	5
6	9.49	3.34	3.60	2.92	2.89	58.6	50.1	38.8	17.2	15.7	8.94	9.08	6
7	9.49	2.83	3.60	3.40	7.53	58.6	49.8	38.8	17.1	15.8	8.94	9.06	7
8	9.49	2.86	3.60	3.71	25.9	58.6	49.8	38.5	17.0	7.25	8.92	9.07	8
9	9.49	2.81	3.60	5.04	26.8	58.9	47.9	38.5	17.0	6.77	8.98	9.12	9
10	9.49	2.82	3.57	5.01	27.5	59.2	45.0	25.0	17.0	14.1	8.99	9.13	10
11	9.49	2.83	3.57	4.98	28.1	59.2	45.0	20.7	17.0	14.1	9.03	9.11	11
12	9.51	2.78	3.57	4.98	29.2	59.2	44.7	23.1	17.0	13.9	9.03	9.08	12
13	9.49	2.75	3.60	5.04	29.2	59.2	44.5	30.9	17.0	13.8	9.07	9.10	13
14	9.54	2.75	3.60	5.04	29.2	59.2	42.8	37.7	17.0	13.7	9.05	9.07	14
15	9.49	2.77	3.57	5.01	28.0	59.2	39.4	37.7	16.9	13.7	9.06	9.00	15
16	9.51	3.00	3.57	5.21	27.3	59.2	39.1	37.9	16.8	11.8	9.09	9.89	16
17	9.57	3.17A	3.54	4.98	27.4	59.2	39.1	37.9	16.8	10.8	9.08	10.4	17
18	9.57	3.79E	3.54	5.07	27.3	59.2	39.1	37.7	16.8	10.7	9.10	10.5	18
19	9.51	4.39A	3.51	5.07	25.8	59.5	39.1	37.7	16.8	10.9 A	9.11	10.5	19
20	9.51	4.39	3.03	5.13	23.7	59.5	39.1	37.4	16.7	10.9	9.12	10.4	20
21	9.57	4.47	2.73	5.13	34.8	59.2	39.1	37.4	16.6	10.8	9.22	10.4	21
22	9.54	4.50	2.74	5.10	37.9	59.2	39.1	37.1	16.6	10.7	9.19	10.4	22
23	9.60	4.56	2.78	5.13	37.9	59.2	39.1	37.1	16.5	10.7	9.17	10.4	23
24	9.68	4.59	2.79	4.79	37.9	59.2	39.4	25.7	16.4	10.6	9.15	10.3	24
25	9.66	4.70	2.82	4.39	17.3	58.9	39.1	29.7	16.4	10.7	9.08	10.3	25
26	9.68	4.70	2.86	4.39	1.78	58.6	39.1	36.2	16.3	10.7	9.13	10.3	26
27	9.63	4.76	2.83	4.45	14.9	58.6	39.1	36.0	16.2	10.9	9.11	10.3	27
28	6.99	4.76	2.81	3.88	43.0	58.6	39.4	35.7	16.1	11.0	9.09	10.3	28
29	5.30		2.82	3.57	53.0	58.3	39.4	35.7	16.0	10.2	9.03	10.3	29
30	4.90		2.83	3.65	52.7	53.2	39.4	35.4	16.0	9.64	9.10	10.3 A	30
31	4.19		2.89		53.2		39.4	27.6		10.9		10.3 A	31
TOTAL	278.56	106.52	107.26	129.71	768.06	1 750.0	1 338.7	1 087.1	503.4	379.96	280.68	301.78	TOTAL
MEAN	8.99	3.80	3.46	4.32	24.8	58.3	43.2	35.1	16.8	12.3	9.36	9.73	MEAN
MAX	9.68	5.38	4.81	5.21	53.2	59.5	50.7	39.4	17.3	15.9	11.0	10.5	MAX
MIN	4.19	2.75	2.73	2.92	1.78	53.2	39.1	20.7	16.0	6.77	8.92	9.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.3
MAXIMUM DAILY, 59.5 ON JUN 19
MINIMUM DAILY, 1.78 ON MAY 26
MAXIMUM INSTANTANEOUS,
59.5 AT 14:27 PST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 44 N
LONG 119 36 55 W
DRAINAGE AREA, 6 090 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 100	JUL	116 000
FEB	9 200	AUG	93 900
MAR	9 270	SEP	43 500
APR	11 200	OCT	32 800
MAY	66 400	NOV	24 300
JUN	151 000	DEC	26 100

TOTAL DISCHARGE, 608 000 dam³

OKANAGAN RIVER NEAR OLIVER - STATION NO. 08NM085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3	8.38	6.63	7.16	11.4	64.6	57.5	38.2	23.1	16.0	11.6	11.4	1
2	11.1	7.45	6.63	7.08	10.8	69.1	55.2	38.2	18.4	16.3	11.6	11.5	2
3	11.0	7.45	6.74	7.08	9.57	69.1	51.5	37.9	16.2	16.4	11.4	11.3	3
4	11.0	7.02	6.85	6.99	9.97	68.8	49.6	37.9	14.8	16.5	11.2	11.3	4
5	11.0	6.85	6.82	7.02	10.1	67.7	49.0	38.5	14.4	16.3	11.0	11.4	5
6	11.0	6.74	6.40	6.91	9.71	64.3	49.3	38.2	14.3	16.6	10.8	11.5	6
7	11.0	6.20	5.69	6.74	12.6	61.4	50.7	38.5	14.2	18.3	11.0	11.4	7
8	11.0	6.06	5.64	5.69	21.0	62.3	51.8	38.2	14.0	18.2	11.0	11.4	8
9	10.8	5.89	5.55	5.69	30.0	64.0A	52.4	37.7	14.0	18.0	11.0	11.6	9
10	10.9	5.41	5.52	5.72	34.0	66.3	51.3	34.0	14.0	17.6	11.3	11.5	10
11	10.9	5.61	5.13	5.97	34.0	70.8	51.0	20.8	13.9	17.2	11.7	11.6	11
12	11.0	5.58	5.32	6.12	33.1	70.8	49.8	17.2	14.1	17.0	12.3	11.4	12
13	11.1	5.61	5.35	6.60	32.8	72.5	49.8	17.5	14.4	16.7	12.5	11.2	13
14	10.7	5.64	5.32	6.97	32.6	72.8	51.8	30.0	14.6	16.7	12.4	11.2	14
15	10.6	5.55	5.32	6.77	37.4	71.6	48.7	36.0	14.2	16.7	12.3	11.3	15
16	10.7	5.47	5.32	6.71	37.9	70.5	45.9	37.1	14.2	15.8	12.3	11.1	16
17	10.7	4.90	5.30	6.68	38.5	69.7	44.5	37.7	14.2	14.2	12.3	11.0	17
18	10.8	5.10	5.18	6.74	39.6	68.0	44.5	37.4	14.2	13.5	12.5	11.0	18
19	10.8	5.89	5.24	6.77	41.9	68.2	44.7	37.7	14.7	12.5	12.3	11.4	19
20	10.8	6.09	5.15	6.88	44.2	67.4	44.2	38.2	14.8	11.8A	12.3	11.2	20
21	10.9	6.14	5.10	6.60	54.9	66.8	43.3	38.5	14.8	11.9	12.4	11.1	21
22	11.0	6.31	5.13	5.97	60.9	66.8	42.8	37.9	15.0	11.8	12.2	11.1	22
23	11.1	6.34	5.47	5.69	66.8	67.4	41.9	37.4	15.5	11.7	12.4	11.0	23
24	11.2	6.43	5.86	7.99	68.2	66.5	42.5	33.7	16.0	11.6	12.0	11.0	24
25	11.1	6.74	6.60	8.69	67.4	65.4	43.0	22.6	16.1	11.6	11.8	11.0	25
26	11.0	6.65	6.68	8.58	42.2	64.8	42.5	30.9	16.0	11.6	11.6	11.1	26
27	11.0	6.68	6.71	8.21	37.9	64.0	41.9	33.7	15.9	11.7	11.5	11.1	27
28	9.09	6.65	6.97	7.56	46.7	64.0	40.8	35.4	16.1	13.1	11.4	11.1	28
29	5.52		7.08	6.97	60.0	63.7	39.1	36.0	16.3	14.5	11.5	11.0	29
30	7.25		7.11	7.48	64.8	60.6	38.8	36.8	16.3	12.6	11.4	10.9	30
31	10.6		7.08		64.6		38.2	34.8		11.4		10.9	31
TOTAL	327.96	174.83	184.89	206.03	1 165.55	2 009.9	1 448.0	1 064.6	458.7	455.8	353.0	348.0	TOTAL
MEAN	10.6	6.24	5.96	6.87	37.6	67.0	46.7	34.3	15.3	14.7	11.8	11.2	MEAN
MAX	11.3	8.38	7.11	8.69	68.2	72.8	57.5	38.5	23.1	18.3	12.5	11.6	MAX
MIN	5.52	4.90	5.10	5.69	9.57	60.6	38.2	17.2	13.9	11.4	10.8	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.5
MAXIMUM DAILY, 72.8 ON JUN 14
MINIMUM DAILY, 4.90 ON FEB 17
MAXIMUM INSTANTANEOUS,
73.2 AT 04:11 PST ON JUN 14

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 53 N
LONG 119 33 50 W
DRAINAGE AREA, 7 590 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 300	JUL	125 000
FEB	15 100	AUG	92 000
MAR	16 000	SEP	39 600
APR	17 800	OCT	39 400
MAY	101 000	NOV	30 500
JUN	174 000	DEC	30 100

TOTAL DISCHARGE, 709 000 dam³

OKANOGAN RIVER AT BRIDGE STREET AT OROVILLE - STATION NO. 08NM131

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.082	3.018	3.018	3.234	3.310	3.786	3.859	3.587	3.456	3.118	2.960	2.902	1
2	3.072	3.011	3.021	3.243	3.325	3.807	3.840	3.575	3.414	3.127	2.950	2.902	2
3	3.063	3.014	3.024	3.261	3.331	3.831	3.819	3.560	3.371	3.130	2.944	2.893	3
4	3.060	3.014	3.042	3.264	3.350	3.856	3.795	3.569	3.341	3.130	2.944	2.890	4
5	3.054	3.008	3.042	3.274	3.359	3.868	3.767	3.581	3.307	3.127	2.938	2.902	5
6	3.048	3.002	3.045	3.286	3.353	3.883	3.755	3.587	3.277	3.133	2.926	2.905	6
7	3.045	2.990	3.042	3.295	3.304	3.880	3.743	3.587	3.246	3.152	2.917	2.905	7
8	3.039	2.981	3.042	3.295	3.252	3.871	3.734	3.591	3.255	3.158	2.911	2.902	8
9	3.036	3.002	3.042	3.301	3.258	3.871	3.740	3.591	3.292	3.167	2.908	2.893	9
10	3.033	2.981	3.042	3.304	3.295	3.880	3.746	3.587	3.307	3.164	2.905	2.890	10
11	3.033	2.954	3.039	3.310	3.322	3.895	3.746	3.563	3.267	3.170	2.896	2.896	11
12	3.027	2.941	3.039	3.325	3.347	3.917	3.743	3.511	3.194	3.161	2.902	2.896	12
13	3.024	2.929	3.051	3.328	3.362	3.941	3.743	3.459	3.164	3.139	2.902	2.890	13
14	3.021	2.929	3.054	3.331	3.380	3.965	3.752	3.423	3.142	3.133	2.902	2.886	14
15	3.018	2.923	3.063	3.341	3.423	3.965	3.758	3.423	3.121	3.130	2.911	2.890	15
16	3.011	2.917	3.078	3.347	3.456	3.953	3.752	3.444	3.109	3.127	2.920	2.886	16
17	3.005	2.911	3.094	3.344	3.481	3.944	3.740	3.459	3.106	3.124	2.926	2.877	17
18	2.996	2.917	3.094	3.341	3.487	3.932	3.725	3.472	3.094	3.106	2.926	2.871	18
19	3.002	2.932	3.100	3.341	3.490	3.929	3.712	3.478	3.097	3.094	2.923	2.880	19
20	2.999	2.941	3.106	3.338	3.505	3.926	3.709	3.490	3.082	3.078	2.920	2.886	20
21	2.996	2.941	3.106	3.328	3.542	3.917	3.694	3.502	3.085	3.048	2.926	2.886	21
22	3.002	2.944	3.112	3.319	3.581	3.911	3.679	3.505	3.094	3.030	2.929	2.880	22
23	3.008	2.954	3.118	3.310	3.633	3.911	3.667	3.511	3.094	3.008	2.932	2.871	23
24	3.008	2.960	3.127	3.316	3.688	3.908	3.664	3.508	3.097	2.996	2.932	2.874	24
25	3.008	2.984	3.136	3.310	3.752	3.901	3.652	3.481	3.097	2.981	2.926	2.874	25
26	3.005	2.999	3.158	3.316	3.807	3.898	3.642	3.450	3.097	2.972	2.926	2.874	26
27	3.005	3.008	3.164	3.304	3.767	3.892	3.636	3.441	3.097	2.963	2.926	2.874	27
28	3.014	3.014	3.176	3.310	3.722	3.877	3.633	3.438	3.103	2.966	2.911	2.874	28
29	3.033		3.191	3.310	3.709	3.871	3.621	3.444	3.112	2.972	2.905	2.871	29
30	3.021		3.203	3.304	3.740	3.871	3.603	3.453	3.112	2.975	2.899	2.871	30
31	3.018		3.213		3.770		3.594	3.459		2.969		2.871	31
MEAN	3.025	2.969	3.090	3.308	3.487	3.895	3.718	3.507	3.188	3.082	2.921	2.886	MEAN
MAX	3.082	3.018	3.213	3.347	3.807	3.965	3.859	3.591	3.456	3.170	2.960	2.905	MAX
MIN	2.996	2.911	3.018	3.234	3.252	3.786	3.594	3.423	3.082	2.963	2.896	2.871	MIN

WATER LEVELS IN METRES

MEAN, 3.258
MAXIMUM DAILY, 3.965 ON JUN 14
MINIMUM DAILY, 2.871 ON DEC 18
MAXIMUM INSTANTANEOUS,
3.978 ON JUN 14

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 20 N
LONG 119 25 36 W

REGULATED

DRAINAGE AREA,
8 160 km²

8 160 ²

OKANOGAN RIVER AT OROVILLE - STATION NO. 08NM127

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1	10.5	7.08	4.56	7.93	60.3	62.9	39.9	32.8	16.1	18.3	12.7	1
2	13.9	10.6	7.08	4.56	8.21	60.3	61.2	39.4	31.1	16.5	14.1	12.7	2
3	13.8	9.63	7.08	4.67	8.07	61.7	58.9	39.1	29.2	16.5	14.0	12.5	3
4	13.6	9.06	7.08	4.67	8.21	64.3	57.2	36.2	26.1	16.5	13.8	12.4	4
5	13.6	9.20	7.22	4.79	9.63	66.0	54.9	35.1	23.6	16.6	13.6	12.7	5
6	13.5	9.06	7.22	4.79	11.2	67.7	53.8	35.4	22.6	17.1	13.3	12.9	6
7	13.4	8.92	7.22	4.93	19.1	67.1	52.7	35.4	21.4	17.7	13.2	12.9	7
8	13.3	8.92	7.08	4.93	24.2	67.4	51.8	35.4	16.9	17.9	13.0	12.7	8
9	13.3	9.20	7.08	4.93	24.3	66.8	52.1	36.0	11.8	18.9	12.9	12.5	9
10	13.2	6.20	7.08	4.79	25.6	66.8	51.0	36.0	9.91	20.1	12.7	12.4	10
11	13.2	8.92	6.97	4.93	26.7	67.1	50.4	34.8	15.7	20.2	12.4	12.5	11
12	13.2	8.78	5.95	5.18	27.6	68.0	50.1	32.6	21.1	19.9	12.5	12.5	12
13	13.1	8.78	4.08	5.18	28.3	68.8	50.1	30.3	20.1	19.2	12.7	12.5	13
14	13.0	8.78	4.08	5.18	29.2	70.2	51.0	28.9	19.4	19.1	12.7	12.4	14
15	13.0	8.78	3.96	5.18	30.9	72.5	51.3	29.2	18.7	19.1	12.9	12.5	15
16	13.0	8.78	4.08	6.31	32.3	74.5	50.4	30.3	17.5	18.9	13.3	12.4	16
17	12.8	8.78	4.08	7.93	33.4	73.3	49.3	31.1	16.6	18.7	13.5	11.9	17
18	12.7	7.93	4.08	7.93	39.4	71.9	48.4	32.0	16.1	18.2	13.3	11.8	18
19	12.7	7.36	3.96	8.07	43.6	71.4	47.6	32.6	16.0	17.9	13.3	12.1	19
20	12.7	7.36	3.96	8.07	45.0	71.4	47.3	33.1	15.5	17.5	13.2	12.2	20
21	12.7	7.36	3.96	7.93	45.9	70.5	46.2	34.0	14.4	16.8	13.5	12.4	21
22	12.7	7.36	4.08	7.93	47.9	69.7	45.3	34.3	14.3	16.1	13.5	12.2	22
23	12.7	7.22	4.08	7.79	51.0	68.8	44.7	34.8	14.6	15.7	13.6	12.1	23
24	12.7	7.22	4.08	7.79	54.4	68.5	44.2	34.8	15.4	15.4	13.6	12.2	24
25	12.7	7.08	4.08	7.79	58.3	67.7	43.6	33.4	15.7	14.9	13.5	12.2	25
26	12.7	7.08	4.22	7.93	56.1	66.8	43.0	32.3	15.7	14.6	13.5	12.2	26
27	12.7	7.22	4.33	7.93	54.4	66.5	42.8	31.7	15.7	14.3	13.5	12.2	27
28	12.4	7.08	4.33	7.93	53.8	65.1	42.5	31.7	15.8	14.6	13.0	12.4	28
29	10.6		4.33	7.79	54.7	64.0	41.6	32.0	16.0	14.6	12.7	12.1	29
30	10.5		4.45	7.79	56.6	63.7	40.5	32.6	16.0	14.6	12.7	12.1	30
31	10.5		4.33		57.8		39.9	32.8		14.4		12.1	31
TOTAL	398.0	233.16	162.69	190.18	1 073.75	2 028.8	1 526.7	1 047.2	555.71	528.6	397.8	383.4	TOTAL
MEAN	12.8	8.33	5.25	6.34	34.6	67.6	49.2	33.8	18.5	17.1	13.3	12.4	MEAN
MAX	14.1	10.6	7.22	8.07	58.3	74.5	62.9	39.9	32.8	20.2	14.3	12.9	MAX
MIN	10.5	6.20	3.96	4.56	7.93	60.3	39.9	28.9	9.91	14.3	12.4	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.4
MAXIMUM DAILY, 74.5 ON JUN 16
MINIMUM DAILY, 3.96 ON MAR 15
MAXIMUM INSTANTANEOUS,
75.9 AT 15:15 PST ON JUN 15

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 51 N
LONG 119 25 21 W
DRAINAGE AREA, 8 310 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 400	JUL	132 000
FEB	20 100	AUG	90 500
MAR	14 100	SEP	48 000
APR	16 400	OCT	45 700
MAY	92 800	NOV	34 400
JUN	175 000	DEC	33 100

TOTAL DISCHARGE, 737 000 dam³

OKANOGAN RIVER AT ZOSEL MILLPOND AT OROVILLE - STATION NO. 08NM132

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.987	2.960	3.002	3.231	3.304	3.557	3.478	3.194	3.222	2.960	2.801	2.734	1
2	2.975	2.954	3.002	3.240	3.319	3.587	3.456	3.185	3.185	2.972	2.795	2.740	2
3	2.966	2.963	3.002	3.258	3.325	3.606	3.432	3.182	3.142	2.978	2.786	2.731	3
4	2.960	2.972	3.024	3.261	3.344	3.621	3.408	3.237	3.142	2.978	2.786	2.722	4
5	2.957	2.969	3.033	3.271	3.350	3.618	3.380	3.277	3.124	2.984	2.777	2.737	5
6	2.947	2.960	3.036	3.286	3.338	3.630	3.368	3.286	3.091	3.008	2.765	2.743	6
7	2.944	2.944	3.030	3.295	3.243	3.624	3.350	3.289	3.057	3.027	2.752	2.740	7
8	2.938	2.935	3.030	3.295	3.152	3.612	3.344	3.292	3.133	3.036	2.746	2.740	8
9	2.935	2.969	3.030	3.301	3.158	3.609	3.347	3.301	3.234	3.036	2.740	2.731	9
10	2.932	2.947	3.027	3.301	3.197	3.615	3.335	3.301	3.274	3.014	2.731	2.725	10
11	2.932	2.905	3.027	3.307	3.225	3.627	3.328	3.280	3.152	3.024	2.722	2.731	11
12	2.926	2.893	3.030	3.322	3.246	3.648	3.325	3.231	2.963	3.014	2.728	2.734	12
13	2.923	2.877	3.048	3.325	3.264	3.667	3.325	3.182	2.932	2.993	2.734	2.728	13
14	2.920	2.880	3.051	3.328	3.283	3.685	3.338	3.149	2.905	2.987	2.734	2.722	14
15	2.917	2.871	3.060	3.338	3.328	3.661	3.341	3.158	2.883	2.984	2.743	2.728	15
16	2.911	2.868	3.078	3.344	3.359	3.612	3.331	3.182	2.886	2.981	2.758	2.719	16
17	2.902	2.859	3.091	3.338	3.380	3.600	3.316	3.203	2.917	2.975	2.768	2.704	17
18	2.893	2.871	3.091	3.338	3.338	3.587	3.304	3.216	2.908	2.957	2.765	2.697	18
19	2.899	2.902	3.100	3.335	3.307	3.578	3.295	3.228	2.908	2.941	2.758	2.710	19
20	2.899	2.914	3.103	3.331	3.322	3.572	3.295	3.237	2.890	2.932	2.758	2.719	20
21	2.896	2.914	3.103	3.322	3.356	3.563	3.283	3.252	2.923	2.902	2.768	2.722	21
22	2.899	2.914	3.112	3.313	3.389	3.554	3.271	3.258	2.950	2.880	2.771	2.713	22
23	2.905	2.926	3.115	3.301	3.438	3.551	3.258	3.267	2.947	2.865	2.774	2.701	23
24	2.905	2.935	3.127	3.310	3.490	3.548	3.255	3.264	2.938	2.847	2.774	2.704	24
25	2.908	2.960	3.136	3.304	3.557	3.539	3.246	3.243	2.932	2.832	2.768	2.707	25
26	2.902	2.975	3.161	3.310	3.639	3.533	3.237	3.213	2.935	2.816	2.771	2.710	26
27	2.905	2.987	3.164	3.298	3.584	3.523	3.234	3.203	2.935	2.804	2.771	2.710	27
28	2.911	2.993	3.176	3.304	3.517	3.505	3.231	3.200	2.941	2.813	2.749	2.710	28
29	2.975		3.194	3.304	3.493	3.496	3.219	3.210	2.957	2.816	2.737	2.704	29
30	2.963		3.203	3.298	3.520	3.496	3.200	3.219	2.954	2.819	2.734	2.701	30
31	2.954		3.210		3.554		3.194	3.225		2.810		2.704	31
MEAN	2.929	2.929	3.084	3.304	3.365	3.587	3.314	3.231	3.012	2.935	2.759	2.720	MEAN
MAX	2.987	2.993	3.210	3.344	3.639	3.685	3.478	3.301	3.274	3.036	2.801	2.743	MAX
MIN	2.893	2.859	3.002	3.231	3.152	3.496	3.194	3.149	2.883	2.804	2.722	2.697	MIN

WATER LEVELS IN METRES

MEAN, 3.098
MAXIMUM DAILY, 3.685 ON JUN 14
MINIMUM DAILY, 2.697 ON DEC 18
MAXIMUM INSTANTANEOUS,
3.697 ON JUN 14

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 55 N
LONG 119 25 05 W

REGULATED

DRAINAGE AREA,
8 310 km²

8 310 ²

ONINECA RIVER ABOVE OSILINKA RIVER - STATION NO. 07EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.5B	23.0B	18.7B	19.9B	41.7	628	239	69.2	38.0	33.5	39.0	23.2B	1
2	43.0B	23.0B	18.7B	19.9B	46.7	645	225	64.8	38.0	52.2	37.9	23.0B	2
3	38.5B	23.0B	18.7B	19.9B	50.7	621	229	61.0	38.5	59.4	36.8	23.0B	3
4	35.0B	23.0B	18.6B	19.9B	53.4	576	237	57.4	37.1	51.9	36.5	22.9B	4
5	32.5B	22.6B	18.3B	19.9B	57.9	535	215	54.6	34.5	47.2	36.0	22.9B	5
6	31.2B	22.2B	18.2B	19.9B	66.1	506	186	53.1	33.2	44.2	36.0	22.8B	6
7	30.2B	21.8B	18.1B	19.9B	77.4	468	167	51.8	32.6	42.8	36.2	22.8B	7
8	29.5B	21.1B	18.2B	19.8B	95.4	427	149	49.5	33.3	42.5	31.0B	22.6B	8
9	28.8B	20.5B	18.3B	19.6B	129	373	139	47.8	33.5	42.1	30.4B	22.4B	9
10	28.5B	20.1B	18.4B	19.2B	173	330	129	46.5	33.3	42.7	30.9B	22.2B	10
11	28.2B	19.9B	18.7B	18.7B	195	311	125	44.4	33.6	42.8	32.5B	21.8B	11
12	27.7B	19.7B	18.9B	18.3B	198	309	131	42.5	34.2	41.2	35.0B	21.4B	12
13	27.3B	19.3B	19.2B	18.2B	210	323	145	40.5	34.1	39.4	36.8B	20.8B	13
14	26.9B	19.2B	19.7B	18.2B	229	329	155	39.0	32.6	38.1	38.2B	20.3B	14
15	26.6B	19.1B	20.0B	18.3B	254	328	162	37.5	30.9	38.2	38.8B	20.0B	15
16	26.2B	19.0B	20.2B	22.3	290	321	150	35.8	30.1	40.4	38.4B	19.9B	16
17	26.0B	19.0B	20.4B	23.8	319	304	141	35.3	29.8	46.0	36.7B	19.8B	17
18	25.7B	19.0B	20.6B	24.3	341	278	135	34.2	29.1	50.0	35.2B	19.8B	18
19	25.4B	19.0P	20.6B	24.9	364	253	132	33.1	28.6	48.8	33.9B	19.7B	19
20	25.1B	18.8B	20.5B	25.5	397	254	128	31.8	28.7	47.8	33.1B	19.7B	20
21	25.0B	18.8B	20.3B	26.1	437	258	125	31.3	30.9	45.9	32.5B	19.6B	21
22	24.8B	18.7B	20.1B	26.9	480	251	117	30.7	32.2	42.8	31.7B	19.5B	22
23	24.7B	18.7B	20.0B	27.0	506	243	110	30.1	31.5	41.4	30.5B	19.2B	23
24	24.5B	18.7B	20.0B	30.4	537	242	103	30.9	30.9	40.5	29.2B	19.0B	24
25	24.1B	18.7B	19.8B	33.3	562	245	96.3	33.0	30.7	40.5	27.8B	18.9B	25
26	23.9B	18.7B	19.8B	34.7	618	242	90.7	36.4	29.7	40.5	26.4B	18.7B	26
27	23.8B	18.7B	19.8B	34.6	695	225	87.0	40.9	28.8	40.9	25.2B	18.3B	27
28	23.7B	18.7B	19.9B	36.2	792	213	84.3	42.4	28.3	43.3	24.3B	18.0B	28
29	23.5B		19.9B	37.7	784	212	80.2	40.1	27.9	43.2	23.8B	17.6B	29
30	23.4B		19.9B	38.8	700	229	77.8	42.2	28.6	41.4	23.6B	17.4B	30
31	23.2B		19.9B		641		73.5	40.3		40.0		17.2B	31
TOTAL	871.4	562.0	602.4	736.1	10 340.3	10 479	4 363.8	1 328.1	963.2	1 351.6	984.3	634.4	TOTAL
MEAN	28.1	20.1	19.4	24.5	334	349	141	42.8	32.1	43.6	32.8	20.5	MEAN
MAX	44.5	23.0	20.6	38.8	792	645	239	69.2	38.5	59.4	39.0	23.2	MAX
MIN	23.2	18.7	18.1	18.2	41.7	212	73.5	30.1	27.9	33.5	23.6	17.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 91.0
MAXIMUM DAILY, 792 ON MAY 28
MINIMUM DAILY, 17.2B ON DEC 31
MAXIMUM INSTANTANEOUS,
817 AT 21:00 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT [illegible] 09 N
LONG 124 33 52 W
DRAINAGE AREA, 5 490 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	75 300	JUL	377 000
FEB	48 600	AUG	115 000
MAR	52 000	SEP	83 200
APR	63 600	OCT	117 000
MAY	893 000	NOV	85 000
JUN	905 000	DEC	54 800

TOTAL DISCHARGE, 2 870 000 dam³

OSBORNE CREEK NEAR THE MOUTH - STATION NO. 07FC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.033B	0.015B	0.022B	0.022B	---	---	---	---	---	---	0B	0B	1
2	0.032B	0.016B	0.021B	0.023B	---	---	---	---	0A	---	0B	0B	2
3	0.033B	0.017B	0.020B	0.023B	---	---	---	---	---	---	0B	0B	3
4	0.036B	0.017B	0.020B	0.022B	---	---	---	---	---	---	0B	0B	4
5	0.035B	0.015B	0.020B	0.021B	---	---	---	---	---	---	0B	0B	5
6	0.032B	0.012B	0.020B	0.022B	---	---	---	---	---	---	0B	0B	6
7	0.028B	0.009B	0.020B	0.022B	---	0.396A	---	---	---	---	0B	0B	7
8	0.027B	0.008B	0.021B	0.021B	---	---	---	---	---	---	0B	0B	8
9	0.027B	0.007B	0.022B	0.019B	---	---	---	---	---	---	0B	0B	9
10	0.028B	0.006B	0.024B	0.015B	---	---	---	---	---	---	0B	0B	10
11	0.029B	0.006B	0.024B	0.013B	---	---	---	---	---	---	0B	0B	11
12	0.030B	0.007B	0.023B	0.013B	---	---	---	---	---	---	0B	0B	12
13	0.028B	0.008B	0.024B	0.017B	---	---	---	---	---	---	0B	0B	13
14	0.026B	0.010B	0.025B	0.021B	---	---	---	---	---	---	0B	0B	14
15	0.023B	0.013B	0.026B	0.020B	---	---	0.059A	---	---	---	0B	0B	15
16	0.023B	0.017B	0.023B	0.021B	---	---	---	---	---	---	0B	0B	16
17	0.025B	0.018B	0.019B	0.024B	---	---	---	---	---	---	0B	0B	17
18	0.030B	0.017B	0.016B	0.030B	---	---	---	---	---	---	0B	0B	18
19	0.034B	0.016B	0.014B	0.034B	---	---	---	---	---	---	0B	0B	19
20	0.038B	0.017B	0.013B	0.042B	---	---	---	---	---	0B	0B	0B	20
21	0.038B	0.019B	0.014B	---	---	---	---	---	---	0B	0B	0B	21
22	0.036B	0.020B	0.016B	---	---	---	---	---	---	0B	0B	0B	22
23	0.031B	0.019B	0.021B	---	---	---	---	---	---	0B	0B	0B	23
24	0.027B	0.018B	0.021B	---	---	---	---	---	---	0B	0B	0B	24
25	0.023B	0.018B	0.020B	---	---	---	---	---	---	0B	0B	0B	25
26	0.021B	0.019B	0.022B	---	---	---	---	---	---	0B	0B	0B	26
27	0.018B	0.020B	0.024B	---	---	---	---	---	---	0B	0B	0B	27
28	0.016B	0.021B	0.025B	---	---	---	---	---	---	0B	0B	0B	28
29	0.016B		0.023B	---	---	---	---	---	---	0B	0B	0B	29
30	0.017B		0.021B	---	---	---	---	---	---	0B	0B	0B	30
31	0.016B		0.021B		---		---	---		0B		0B	31
TOTAL	0.856	0.405	0.645	---	---	---	---	---	---	---	0	0	TOTAL
MEAN	0.028	0.014	0.021	---	---	---	---	---	---	---	0	0	MEAN
MAX	0.038	0.021	0.026	---	---	---	---	---	---	---	0	0	MAX
MIN	0.016	0.006	0.013	---	---	---	---	---	---	---	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0A ON SEP 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 36 03 N
LONG 120 22 47 W
DRAINAGE AREA, 120 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	74.0	JUL	---
FEB	35.0	AUG	---
MAR	55.7	SEP	---
APR	---	OCT	---
MAY	---	NOV	0
JUN	---	DEC	0

OSILINKA RIVER NEAR END LAKE - STATION NO. 07EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.9 B	8.70B	6.90B	6.70B	13.4	257	107	37.3	22.1	17.6	17.1	8.35B	1
2	13.5 B	8.60B	6.90B	6.70B	14.6	245	99.4	36.3	22.2	24.4	15.8	8.45B	2
3	13.0 B	8.50B	6.80B	6.70B	15.7	224	106	34.9	21.8	24.3	16.0	8.45B	3
4	12.7 B	8.35B	6.70B	6.70B	16.1	211	114	33.1	20.1	21.9	15.9	8.45B	4
5	12.5 B	8.25B	6.65B	6.75B	17.8	200	102	31.6	18.7	19.9	15.3	8.45B	5
6	12.2 B	8.10B	6.60B	6.80B	19.9	185	84.8	30.3	17.5	18.7	16.1	8.45B	6
7	12.0 B	7.90B	6.55B	6.80B	23.4	176	75.4	29.7	17.0	18.5	16.2	8.40B	7
8	11.9 B	7.70B	6.55B	6.80B	28.9	159	68.3	29.1	17.1	18.8	14.3	8.38B	8
9	11.8 B	7.50B	6.55B	6.75B	35.9	142	62.4	28.4	17.4	18.7	13.8	8.36B	9
10	11.7 B	7.35B	6.60B	6.70B	44.9	129	58.6	28.0	17.9	18.2	14.7	8.35B	10
11	11.6 B	7.30B	6.65B	6.60B	48.7	122	58.5	27.2	19.0	17.5	16.0	8.30B	11
12	11.4 B	7.25B	6.70B	6.45B	51.2	123	65.6	25.8	20.1	16.6	17.2	8.25B	12
13	11.2 B	7.20B	6.80B	6.35B	55.8	131	76.1	24.8	20.0	16.1	17.9	8.20B	13
14	11.0 B	7.15B	6.90B	6.30B	62.8	134	85.3	23.2	18.3	15.8	16.7	8.15B	14
15	10.8 B	7.10B	6.95B	6.30B	70.4	135	87.6	22.1	17.2	16.0	16.9	8.10B	15
16	10.7 B	7.05B	7.00B	6.35B	78.0	137	78.9	21.0	16.3	18.2	16.8	8.05B	16
17	10.5 B	7.00B	7.00B	6.40B	87.6	128	75.1	20.9	15.8	23.2	16.6	8.00B	17
18	10.5 B	6.95B	7.05B	6.50B	98.4	114	75.1	20.2	15.3	25.3	15.6	7.95B	18
19	10.3 B	6.90B	7.05B	6.70B	117	107	73.7	19.4	15.3	24.4	14.3 B	7.90B	19
20	10.2 B	6.90B	7.05B	6.85B	139	106	72.7	18.6	15.3	23.3	13.8 B	7.90B	20
21	10.0 B	6.90B	7.00B	7.05B	159	105	69.8	18.0	15.1	21.6	13.7 B	7.90B	21
22	9.80B	6.90B	6.95B	7.25B	182	103	63.6	17.7	15.1	20.5	12.8 B	7.90B	22
23	9.70B	6.90B	6.90B	7.45B	204	102	59.9	17.1	15.1	19.8	11.8 B	7.90B	23
24	9.60B	6.90B	6.85B	7.80B	214	101	56.1	16.1	14.7	19.4	10.6 B	7.90B	24
25	9.60B	6.90B	6.80B	8.30B	223	104	52.1	21.4	14.1	19.4	8.10B	7.90B	25
26	9.30B	6.90B	6.75B	10.9	264	104	49.8	25.4	13.5	19.7	7.85B	7.90B	26
27	9.20B	6.90B	6.75B	11.1	332	96.5	48.5	27.3	13.0	19.5	7.80B	7.85B	27
28	9.10B	6.90B	6.75B	11.3	323	91.9	46.6	25.9	13.1	19.9	7.85B	7.75B	28
29	9.00B		6.75B	11.9	268	92.5	44.3	25.4	12.9	19.6	8.00B	7.65B	29
30	8.90B		6.70B	12.4	241	105	42.1	24.9	13.2	18.3	8.30B	7.55B	30
31	8.80B		6.70B		246		39.1	23.1		18.0		7.35B	31
TOTAL	336.40	206.95	210.85	227.65	3 695.5	4 169.9	2 198.4	786.2	503.8	613.1	413.80	250.44	TOTAL
MEAN	10.9	7.39	6.80	7.59	119	139	70.9	25.4	16.8	19.8	13.8	8.08	MEAN
MAX	13.9	8.70	7.05	12.4	332	257	114	37.3	22.2	25.3	17.9	8.45	MAX
MIN	8.80	6.90	6.55	6.30	13.4	91.9	39.1	17.1	12.9	15.8	7.80	7.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.3
MAXIMUM DAILY, 332 ON MAY 27
MINIMUM DAILY, 6.30B ON APR 14
MAXIMUM INSTANTANEOUS,
350 AT 20:10 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 07 35 N
LONG 124 47 47 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 100	JUL	190 000
FEB	17 900	AUG	67 900
MAR	18 200	SEP	43 500
APR	19 700	OCT	53 000
MAY	319 000	NOV	35 800
JUN	360 000	DEC	21 600

TOTAL DISCHARGE, 1 180 000 dam³

OSOYOOS LAKE NEAR OROVILLE - STATION NO. 08NN073

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.158	3.072	3.042	3.243	3.325	3.947	4.033	3.725	3.587	3.225	3.100	3.042	1
2	3.149	3.066	3.045	3.255	3.341	3.968	4.014	3.712	3.545	3.231	3.094	3.042	2
3	3.146	3.060	3.048	3.267	3.347	3.999	3.990	3.700	3.502	3.234	3.088	3.039	3
4	3.139	3.054	3.063	3.277	3.362	4.026	3.962	3.694	3.459	3.237	3.085	3.033	4
5	3.136	3.051	3.069	3.286	3.377	4.042	3.935	3.700	3.420	3.234	3.075	3.042	5
6	3.130	3.045	3.069	3.298	3.374	4.060	3.917	3.703	3.389	3.246	3.069	3.045	6
7	3.127	3.036	3.069	3.304	3.362	4.054	3.904	3.706	3.362	3.261	3.060	3.045	7
8	3.124	3.027	3.069	3.310	3.341	4.045	3.895	3.709	3.341	3.267	3.054	3.042	8
9	3.121	3.027	3.066	3.316	3.344	4.045	3.898	3.709	3.341	3.280	3.051	3.039	9
10	3.118	3.014	3.063	3.316	3.380	4.051	3.898	3.706	3.347	3.283	3.048	3.036	10
11	3.115	3.002	3.063	3.325	3.411	4.069	3.895	3.679	3.350	3.283	3.039	3.036	11
12	3.109	2.993	3.060	3.335	3.435	4.093	3.895	3.627	3.322	3.274	3.045	3.036	12
13	3.106	2.984	3.066	3.341	3.453	4.118	3.895	3.575	3.295	3.258	3.048	3.033	13
14	3.103	2.984	3.072	3.344	3.472	4.145	3.908	3.539	3.274	3.255	3.051	3.030	14
15	3.100	2.975	3.078	3.353	3.517	4.157	3.914	3.542	3.255	3.249	3.054	3.030	15
16	3.097	2.972	3.094	3.359	3.551	4.157	3.904	3.563	3.234	3.249	3.063	3.027	16
17	3.091	2.969	3.100	3.359	3.575	4.145	3.889	3.581	3.225	3.240	3.069	3.021	17
18	3.088	2.960	3.103	3.353	3.606	4.130	3.874	3.594	3.213	3.228	3.069	3.014	18
19	3.088	2.972	3.109	3.353	3.627	4.124	3.859	3.603	3.213	3.216	3.066	3.021	19
20	3.085	2.978	3.115	3.350	3.642	4.118	3.853	3.618	3.197	3.197	3.063	3.024	20
21	3.085	2.978	3.121	3.344	3.679	4.109	3.837	3.630	3.194	3.173	3.069	3.027	21
22	3.085	2.981	3.124	3.338	3.725	4.103	3.825	3.636	3.197	3.155	3.072	3.021	22
23	3.085	2.984	3.130	3.325	3.783	4.100	3.813	3.642	3.200	3.142	3.072	3.014	23
24	3.088	2.990	3.139	3.325	3.840	4.097	3.804	3.642	3.203	3.130	3.072	3.018	24
25	3.088	3.014	3.149	3.325	3.908	4.087	3.795	3.612	3.206	3.118	3.069	3.018	25
26	3.085	3.024	3.167	3.328	3.944	4.084	3.786	3.581	3.206	3.106	3.066	3.018	26
27	3.085	3.033	3.176	3.322	3.908	4.072	3.780	3.569	3.210	3.100	3.063	3.018	27
28	3.088	3.039	3.185	3.325	3.871	4.057	3.776	3.566	3.213	3.103	3.054	3.018	28
29	3.088		3.203	3.325	3.862	4.051	3.761	3.575	3.222	3.109	3.045	3.014	29
30	3.072		3.216	3.319	3.892	4.048	3.743	3.587	3.222	3.112	3.042	3.011	30
31	3.069		3.225		3.926		3.731	3.591		3.106		3.011	31
MEAN	3.105	3.010	3.106	3.321	3.586	4.077	3.870	3.633	3.298	3.203	3.064	3.028	MEAN
MAX	3.158	3.072	3.225	3.359	3.944	4.157	4.033	3.725	3.587	3.283	3.100	3.045	MAX
MIN	3.069	2.960	3.042	3.243	3.325	3.947	3.731	3.539	3.194	3.100	3.039	3.011	MIN

WATER LEVELS IN METRES

MEAN, 3.360
MAXIMUM DAILY, 4.157 ON JUN 15
MINIMUM DAILY, 2.960 ON FEB 18
MAXIMUM INSTANTANEOUS,
4.167 ON JUN 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 57 24 N
LONG 119 26 18 W

REGULATED

OSOYOOS LAKE NEAR OSOYOOS - STATION NO. 08NM113

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.066	2.978	2.947	3.136	3.222	3.874	3.959	3.642	3.502	3.146	3.033	2.999	1
2	3.063	2.975	2.947	3.149	3.234	3.892	3.944	3.633	3.466	3.152	3.030	2.999	2
3	3.057	2.963	2.954	3.149	3.243	3.929	3.917	3.621	3.420	3.152	3.014	2.978	3
4	3.051	2.960	2.963	3.167	3.252	3.953	3.886	3.612	3.365	3.155	3.011	2.972	4
5	3.045	2.954	2.969	3.176	3.271	3.965	3.862	3.612	3.341	3.161	3.002	2.969	5
6	3.045	2.954	2.972	3.185	3.271	3.981	3.844	3.621	3.295	3.164	2.996	2.975	6
7	3.042	2.944	2.969	3.197	3.271	3.975	3.828	3.621	3.267	3.179	2.993	2.978	7
8	3.039	2.932	2.966	3.203	3.255	3.968	3.822	3.624	3.249	3.188	2.987	2.978	8
9	3.036	2.932	2.966	3.213	3.258	3.968	3.819	3.624	3.237	3.203	2.984	2.978	9
10	3.030	2.911	2.963	3.216	3.286	3.972	3.813	3.624	3.255	3.206	2.978	2.978	10
11	3.024	2.911	2.963	3.222	3.316	3.996	3.813	3.600	3.240	3.206	2.978	2.978	11
12	3.021	2.902	2.957	3.222	3.347	4.017	3.813	3.554	3.210	3.200	2.975	2.981	12
13	3.021	2.896	2.960	3.225	3.359	4.045	3.810	3.496	3.197	3.176	2.984	2.981	13
14	3.018	2.899	2.966	3.237	3.383	4.063	3.825	3.453	3.185	3.170	2.993	2.981	14
15	3.014	2.886	2.975	3.246	3.420	4.084	3.825	3.459	3.170	3.167	2.996	2.978	15
16	3.011	2.890	2.990	3.252	3.459	4.075	3.822	3.478	3.152	3.167	2.993	2.969	16
17	3.005	2.880	2.990	3.252	3.487	4.072	3.813	3.499	3.139	3.158	3.005	2.966	17
18	3.005	2.880	2.999	3.252	3.520	4.060	3.795	3.514	3.130	3.146	3.005	2.963	18
19	3.002	2.883	3.005	3.246	3.545	4.048	3.783	3.527	3.124	3.133	3.005	2.975	19
20	3.002	2.890	3.008	3.243	3.566	4.045	3.770	3.539	3.115	3.121	3.005	2.981	20
21	2.999	2.893	3.014	3.240	3.591	4.039	3.752	3.557	3.109	3.091	3.005	2.972	21
22	3.002	2.893	3.021	3.234	3.655	4.029	3.740	3.557	3.112	3.072	3.008	2.972	22
23	3.002	2.893	3.030	3.225	3.712	4.023	3.728	3.557	3.118	3.063	3.008	2.975	23
24	3.002	2.893	3.036	3.216	3.773	4.023	3.716	3.563	3.121	3.054	3.008	2.975	24
25	3.002	2.920	3.045	3.216	3.825	4.017	3.709	3.542	3.124	3.042	3.008	2.975	25
26	3.005	2.929	3.051	3.216	3.871	3.999	3.700	3.496	3.124	3.036	3.005	2.972	26
27	3.005	2.935	3.063	3.219	3.828	3.999	3.697	3.484	3.130	3.027	3.005	2.972	27
28	3.005	2.941	3.075	3.222	3.789	3.984	3.688	3.487	3.133	3.033	2.993	2.972	28
29	2.993		3.094	3.222	3.789	3.975	3.673	3.496	3.139	3.042	2.987	2.972	29
30	2.981		3.106	3.216	3.810	3.975	3.661	3.505	3.146	3.045	2.978	2.969	30
31	2.984		3.121		3.850		3.652	3.511		3.039		2.963	31
MEAN	3.019	2.918	3.003	3.214	3.499	4.002	3.790	3.552	3.211	3.126	2.999	2.976	MEAN
MAX	3.066	2.978	3.121	3.252	3.871	4.084	3.959	3.642	3.502	3.206	3.033	2.999	MAX
MIN	2.981	2.880	2.947	3.136	3.222	3.874	3.652	3.453	3.109	3.027	2.975	2.963	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 3.278
MAXIMUM DAILY, 4.084 ON JUN 15
MINIMUM DAILY, 2.880 ON FEB 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 43 N
LONG 119 27 37 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OSPIKA RIVER ABOVE ALEY CREEK - STATION NO. 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.8 B	9.00B	6.85B	6.15B	18.0B	275	125	56.4E	117 E	23.0E	17.2E	11.0 B	1
2	14.5 B	8.95B	6.85B	6.15B	27.0B	246	134	54.0E	99.0E	23.6E	16.4E	11.0 B	2
3	14.0 B	8.75B	6.85B	6.15B	32.0B	209	138	50.0E	86.0E	22.3E	16.4E	11.0 B	3
4	13.3 B	8.60B	6.85B	6.15B	34.8	192	122	47.0E	72.0E	21.4E	16.6E	11.0 B	4
5	12.8 B	8.40B	6.85B	6.15B	38.0	166	106	45.5E	62.0E	20.5E	17.0E	11.0 B	5
6	12.5 B	8.30B	6.80B	6.15B	42.7	154	94.3	45.0E	60.5E	20.2E	16.9E	11.0 B	6
7	12.2 B	8.10B	6.75B	6.15B	44.7	140	84.6	45.5E	63.0E	19.9E	15.0E	10.9 B	7
8	11.8 B	8.00B	6.65B	6.14B	49.8	126	77.7	46.0E	67.0E	19.7E	14.5B	10.9 B	8
9	11.5 B	7.90B	6.55B	6.05B	52.2	115	72.7	47.0E	64.0E	19.3E	14.4B	10.8 B	9
10	11.2 B	7.75B	6.50B	6.00B	50.8	112	69.7	47.0E	59.0E	18.9E	14.5B	10.7 B	10
11	11.1 B	7.60B	6.45B	6.00B	47.4	118	76.1	44.5E	52.0E	18.4E	14.7B	10.7 B	11
12	11.0 B	7.50B	6.45B	6.00B	57.2	122	87.1	43.0E	42.5E	18.1E	14.9B	10.6 B	12
13	10.9 B	7.35B	6.45B	6.05B	64.1	121	98.6	37.5E	38.5E	18.1E	14.7B	10.5 B	13
14	10.7 B	7.25B	6.45B	6.05B	76.8	121	116	35.2E	36.5E	19.0E	14.3B	10.3 B	14
15	10.5 B	7.10B	6.50B	6.05B	80.4	121	94.1	35.0E	35.0E	22.5E	13.9B	10.1 B	15
16	10.4 B	7.05B	6.50B	6.10B	80.0	125	86.5	32.8E	33.0E	24.5E	13.5B	9.90B	16
17	10.3 B	7.00B	6.50B	6.15B	97.8	111	86.8	31.9E	30.9A	25.2E	13.2B	9.80B	17
18	10.2 B	7.00B	6.50B	6.18B	122	102	85.4	31.0E	29.7A	24.5E	12.9B	9.75B	18
19	10.1 B	7.00B	6.50B	6.20B	149	109	83.6	31.3E	29.5A	23.8E	12.7B	9.70B	19
20	10.0 B	7.00B	6.50B	6.25B	168	114	91.4	31.9E	27.8A	23.2E	12.5B	9.65B	20
21	9.91B	7.00B	6.50B	6.30B	191	119	100	29.8E	26.3A	21.5E	12.3B	9.65B	21
22	9.80B	7.00B	6.40B	6.35B	260	123	93.2	28.7E	26.0A	20.8E	12.2B	9.57B	22
23	9.75B	7.00B	6.35B	6.45B	259	120	85.9	28.2E	25.5E	20.8E	12.0B	9.50B	23
24	9.70B	7.00B	6.30B	6.50B	229	138	76.1	30.0E	25.1E	20.9E	11.8B	9.45B	24
25	9.65B	6.90B	6.25B	6.60B	243	149	71.8	36.5E	24.8E	21.2E	11.7B	9.30B	25
26	9.55B	6.85B	6.20B	6.70B	494	143	69.7A	47.5E	24.0E	21.6E	11.5B	9.24B	26
27	9.45B	6.85B	6.20B	6.90B	467	135	68.0E	69.5E	23.0E	21.3E	11.3B	9.18B	27
28	9.35B	6.85B	6.20B	7.10B	291	128	63.0E	112 E	22.2E	20.3E	11.2B	9.05B	28
29	9.30B		6.20B	7.80B	295	128	58.0E	108 E	22.2E	19.8E	11.1B	9.00B	29
30	9.20B		6.20B	9.60B	329	136	55.0E	96.0E	22.1E	19.0E	11.1B	8.90B	30
31	9.10B		6.20B		329		56.0E	105 E		18.2E		8.85B	31
TOTAL	338.56	211.05	201.30	192.57	4 719.7	4 218	2 727.1	1 522.7	1 346.1	651.5	412.4	311.99	TOTAL
MEAN	10.9	7.54	6.49	6.42	152	141	88.0	49.1	44.9	21.0	13.7	10.1	MEAN
MAX	14.8	9.00	6.85	9.60	494	275	138	112	117	25.2	17.2	11.0	MAX
MIN	9.10	6.85	6.20	6.00	18.0	102	55.8	28.2	22.1	18.1	11.1	8.85	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.2
MAXIMUM DAILY, 494 ON MAY 26
MINIMUM DAILY, 6.00B ON APR 10
MAXIMUM INSTANTANEOUS,
692 AT 19:00 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 28 02 N
LONG 123 56 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 300	JUL	236 000
FEB	18 200	AUG	132 000
MAR	17 400	SEP	116 000
APR	16 600	OCT	56 300
MAY	408 000	NOV	35 600
JUN	364 000	DEC	27 000

TOTAL DISCHARGE, 1 460 000 dam³

OTTER CREEK AT TULAMEEN - STATION NO. 08NL023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0	2.05	2.75	4.11	14.2	6.72	2.33	0.879	0.494	0.269	0.310	0.316	1
2	11.2	1.90	2.65	4.18	15.1	6.17	2.32	0.544	0.469	0.288	0.299	0.320	2
3	9.54	1.77	2.59	4.20	14.5	5.79	2.23	0.551	0.418	0.299	0.294	0.320	3
4	8.18	1.68	2.60	4.17	13.2	5.42	2.14	0.545	0.377	0.294	0.296	0.343	4
5	7.27	1.62	2.58	4.07	11.8	5.13	2.07	0.554	0.363	0.295	0.302	0.356	5
6	6.55	1.60	2.55	8.00	10.5	4.89	1.93	0.560	0.337	0.326	0.300	0.364	6
7	5.91	1.55	2.47	3.94	9.38	4.65	1.79	0.559	0.325	0.352	0.308	0.367	7
8	5.35	1.51	2.42	3.89	8.53	4.42	1.73	0.557	0.308	0.326	0.301	0.371	8
9	4.91	1.49	2.37	3.79	7.86	4.23	1.65	0.569	0.287	0.326	0.305	0.387	9
10	4.60	1.48	2.31	3.75	7.55	3.99	1.62	0.585	0.292	0.325	0.303	0.410	10
11	4.33	1.44	2.30	3.66	7.49	3.74	1.60	0.584	0.301	0.331	0.312	0.423	11
12	4.00	1.42	2.30	3.60	7.42	3.51	1.55	0.600	0.299	0.319	0.320	0.428	12
13	3.69	1.39	2.29	3.51	7.39	3.42	1.48	0.607	0.280	0.323	0.316	0.421	13
14	3.43	1.43	2.32	3.38	7.46	3.38	1.47	0.605	0.274	0.317	0.325	0.442	14
15	3.16	1.48	2.36	3.30	7.95	3.39	1.53	0.598	0.255	0.324	0.336	0.453	15
16	2.94	1.62	2.45	3.41	8.30	3.28	1.64	0.599	0.253	0.343	0.338	0.446	16
17	2.69	1.88	2.61	3.52	8.42	3.18	1.74	0.585	0.243	0.364	0.321	0.455	17
18	2.56	2.19	2.75	3.89	8.46	3.11	1.74	0.584	0.255	0.348	0.317	0.454	18
19	2.53	2.70	2.84	4.21	8.90	3.12	1.69	0.585	0.284	0.341	0.325	0.471	19
20	2.55	3.10	2.89	4.49	10.0	3.09	1.64	0.584	0.294	0.360	0.314	0.480	20
21	2.49	3.36	2.98	5.11	10.9	3.07	1.58	0.575	0.305	0.359	0.323	0.481	21
22	2.45	3.40	3.04	5.69	11.1	3.02	1.52	0.608	0.294	0.331	0.313	0.473	22
23	2.45	3.31	3.11	6.45	10.8	2.86	1.47	0.575	0.288	0.304	0.305	0.475	23
24	2.46	3.24	3.13	8.71	10.6	2.79	1.45	0.553	0.279	0.300	0.317	0.478	24
25	2.46	3.22	3.18	11.7	11.0	2.65	1.39	0.537	0.265	0.270	0.320	0.481	25
26	2.46	3.08	3.28	12.3	10.7	2.45	1.31	0.524	0.259	0.299	0.315	0.488	26
27	2.40	2.97	3.29	11.3	10.1	2.38	1.23	0.511	0.26:	0.275	0.320	0.502	27
28	2.33	2.86	3.47	10.5	9.16	2.37	1.15	0.506	0.253	0.294	0.314	0.490	28
29	2.35		3.66	10.6	8.26	2.38	1.08	0.498	0.261	0.292	0.319	0.493	29
30	2.29		3.85	11.8	7.69	2.35	1.04	0.491	0.261	0.286	0.321	0.493	30
31	2.19		4.00		7.20		1.00	0.495		0.304		0.499	31
TOTAL	134.72	60.74	87.39	171.23	301.88	110.95	50.11	17.707	9.134	9.794	9.409	13.380	TOTAL
MEAN	4.35	2.17	2.82	5.71	9.74	3.70	1.62	0.571	0.304	0.316	0.314	0.432	MEAN
MAX	13.0	3.40	4.00	12.3	15.1	6.72	2.33	0.879	0.494	0.364	0.338	0.502	MAX
MIN	2.19	1.39	2.29	3.30	7.20	2.35	1.00	0.491	0.243	0.269	0.294	0.316	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.68
MAXIMUM DAILY, 15.1 ON MAY 2
MINIMUM DAILY, 0.243 ON SEP 17
MAXIMUM INSTANTANEOUS,
15.3 AT 11:11 PST ON MAY 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 32 44 N
LONG 120 45 12 W
DRAINAGE AREA, 673 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 600	JUL	4 330
FEB	5 250	AUG	1 530
MAR	7 550	SEP	789
APR	14 800	OCT	846
MAY	26 100	NOV	813
JUN	9 590	DEC	1 160

TOTAL DISCHARGE, 84 400 dam³

OTTER CREEK BELOW SPEARING CREEK - STATION NO. 08NL060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.66	0.426	0.759	1.59	7.79	2.10	0.954	0.211	0	0	0.229	0.067	1
2	2.29	0.410B	0.755	1.46	5.60	2.12	0.880	0.199	0	0	0.220	0.061	2
3	2.03	0.400B	0.773	1.41	4.41	1.94	0.868	0.186	0	0	0.165	0.027	3
4	1.79	0.385B	0.792	1.31	3.96	1.89	0.859	0.220	0	0	0.181	0.065	4
5	1.60	0.370B	0.751	1.32	3.46	1.74	0.756	0.215	0	0	0.108	0.127	5
6	1.46	0.360B	0.739	1.44	3.06	1.72	0.649	0.192	0	0	0.066	0.154	6
7	1.22	0.350B	0.713	1.44	2.82	1.42	0.607	0.135	0	0	0.064B	0.116	7
8	1.05	0.350B	0.709	1.41	2.67	1.20	0.568	0.091	0	0	0.062B	0.100	8
9	0.983	0.310B	0.708	1.44	2.76	1.15	0.511	0.069	0	0	0.062B	0.116	9
10	0.880	0.260B	0.707	1.43	2.72	1.08	0.587	0.049	0	0	0.066	0.126	10
11	0.840E	0.275B	0.725	1.39	2.63	1.04	0.690	0.045	0	0	0.070	0.079	11
12	0.760E	0.315B	0.744	1.31	2.70	0.966	0.733	0.040	0	0	0.262	0.026E	12
13	0.700E	0.350B	0.773	1.25	2.78	1.05	0.817	0.010	0	0	0.219	0.052E	13
14	0.660E	0.400B	0.853	1.30	2.83	1.07	0.815	0.004	0	0	0.190	0.057A	14
15	0.600E	0.445	0.918	1.45	3.37	1.04	0.716	0.002	0	0	0.233	0.062E	15
16	0.550E	0.538	1.06	1.79	3.11	1.03	0.723	0.001A	0	0	0.219	0.040E	16
17	0.510E	0.932	1.02	2.00	3.08	0.969	0.619	0	0	0	0.184	0.040E	17
18	0.500E	0.953	1.02	2.23	3.29	0.922	0.605	0	0	0	0.159	0.042E	18
19	0.500E	1.26	1.04	2.62	4.04	1.01	0.684	0	0	0	0.144	0.130E	19
20	0.520E	1.38	1.03	3.22	4.61	1.04	0.646	0	0	0	0.135	0.080E	20
21	0.600E	1.20	1.05	3.02	4.55	0.967	0.629	0	0	0	0.133	0.050E	21
22	0.700E	1.04	1.09	3.62	3.66	0.927	0.581	0	0	0	0.134	0.024B	22
23	0.640E	0.972	1.10	6.19	3.57	0.925	0.500	0	0	0	0.123	0.028B	23
24	0.590E	0.888	1.08	7.87	3.83	0.898	0.477	0	0	0.002A	0.110	0.036B	24
25	0.540E	0.829	1.15	5.55	4.40	0.934	0.488	0	0	0.010A	0.073	0.040B	25
26	0.520E	0.798	1.24	4.56	3.83	0.968	0.449	0	0	0.016A	0.107	0.037B	26
27	0.540E	0.777	1.32	4.10	3.17	0.977	0.392	0	0	0.025A	0.074	0.033B	27
28	0.561A	0.766	1.40	4.69	2.79	0.936	0.344	0	0	0.073	0.029	0.029B	28
29	0.530		1.54	5.84	2.72	1.00	0.338	0	0	0.095	0.035B	0.026B	29
30	0.526		1.67	7.38	2.78	1.02	0.271	0	0	0.077	0.044	0.024B	30
31	0.442		1.70		2.41		0.239	0		0.140		0.022B	31
TOTAL	28.292	17.739	30.929	85.63	109.40	36.049	18.995	1.669	0	0.438	3.860	1.916	TOTAL
MEAN	0.913	0.634	0.998	2.85	3.53	1.20	0.613	0.054	0	0.014	0.129	0.062	MEAN
MAX	2.66	1.38	1.70	7.87	7.79	2.12	0.954	0.220	0	0.140	0.262	0.154	MAX
MIN	0.442	0.260	0.707	1.25	2.41	0.898	0.239	0	0	0	0.029	0.022	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.918
MAXIMUM DAILY, 7.87 ON APR 24
MINIMUM DAILY, 0 ON AUG 17
MAXIMUM INSTANTANEOUS,
10.1 AT 21:25 PST ON APR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 05 N
LONG 120 46 15 W
DRAINAGE AREA, 809 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 440	JUL	1 640
FEB	1 530	AUG	144
MAR	2 670	SEP	0
APR	7 400	OCT	37.8
MAY	9 450	NOV	334
JUN	3 110	DEC	166

TOTAL DISCHARGE, 28 900 dam³

OTTER LAKE NEAR TULAMEEN - STATION NO. 08NL059

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.478	0.896	1.018	1.052	1.497	1.183	0.975	0.844	0.792	0.674	0.668	0.808	1
2	1.387	0.896	1.018	1.076	1.533	1.164	0.975	0.844	0.777	0.680	0.674	0.820	2
3	1.314	0.896	1.018	1.100	1.533	1.152	0.975	0.844	0.765	0.680	0.674	0.826	3
4	1.265	0.896	1.018	1.119	1.527	1.146	0.975	0.844	0.765	0.680	0.674	0.832	4
5	1.228	0.914	1.012	1.119	1.430	1.134	0.951	0.863	0.759	0.668	0.680	0.844	5
6	1.192	0.927	1.012	1.119	1.362	1.122	0.933	0.869	0.753	0.661	0.680	0.856	6
7	1.192	0.927	1.006	1.106	1.311	1.097	0.933	0.875	0.747	0.661	0.680	0.863	7
8	1.180	0.951	1.006	1.100	1.311	1.085	0.933	0.881	0.741	0.661	0.680	0.869	8
9	1.149	0.951	1.006	1.100	1.295	1.073	0.933	0.881	0.741	0.661	0.686	0.875	9
10	1.119	0.939	0.994	1.100	1.295	1.061	0.927	0.887	0.741	0.661	0.686	0.875	10
11	1.100	0.939	0.994	1.094	1.295	1.055	0.914	0.881	0.741	0.661	0.686	0.875	11
12	1.094	0.927	0.994	1.094	1.295	1.042	0.914	0.881	0.728	0.661	0.686	0.875	12
13	1.097	0.927	0.994	1.094	1.295	1.042	0.914	0.875	0.722	0.655	0.686	0.878	13
14	1.073	0.914	0.994	1.094	1.295	1.042	0.920	0.875	0.716	0.655	0.686	0.887	14
15	1.055	0.914	0.994	1.082	1.295	1.042	0.920	0.875	0.716	0.655	0.692	0.893	15
16	1.042	0.927	1.012	1.067	1.295	1.036	0.927	0.869	0.710	0.649	0.704	0.893	16
17	1.042	0.927	1.012	1.067	1.295	1.036	0.927	0.869	0.710	0.649	0.710	0.899	17
18	1.030	0.927	1.012	1.076	1.295	1.033	0.927	0.863	0.704	0.649	0.728	0.899	18
19	1.018	0.988	1.055	1.125	1.320	1.030	0.927	0.863	0.698	0.649	0.735	0.899	19
20	1.006	1.049	1.109	1.143	1.332	1.018	0.927	0.856	0.692	0.649	0.741	0.899	20
21	1.006	1.049	1.198	1.161	1.356	1.018	0.927	0.856	0.686	0.649	0.741	0.899	21
22	1.000	1.049	1.198	1.186	1.219	1.018	0.927	0.850	0.686	0.649	0.747	0.899	22
23	1.000	1.052	1.201	1.216	1.082	1.018	0.927	0.850	0.686	0.649	0.753	0.899	23
24	1.000	1.049	1.204	1.295	1.173	1.012	0.908	0.850	0.680	0.649	0.759	0.899	24
25	1.000	1.049	1.295	1.375	1.332	0.994	0.890	0.850	0.680	0.649	0.765	0.899	25
26	1.000	1.049	1.295	1.430	1.332	0.988	0.872	0.844	0.680	0.649	0.771	0.899	26
27	1.000	1.033	1.295	1.423	1.332	0.981	0.866	0.844	0.680	0.661	0.771	0.893	27
28	1.000	1.033	1.356	1.390	1.326	0.981	0.860	0.838	0.680	0.661	0.777	0.893	28
29	1.000		1.372	1.423	1.295	0.981	0.850	0.820	0.674	0.661	0.783	0.893	29
30	0.969		1.372	1.472	1.225	0.981	0.847	0.820	0.674	0.668	0.789	0.893	30
31	0.927		1.372		1.213		0.847	0.808		0.668		0.893	31
MEAN	1.096	0.964	1.111	1.177	1.322	1.052	0.918	0.857	0.717	0.659	0.716	0.878	MEAN
MAX	1.478	1.052	1.372	1.472	1.533	1.183	0.975	0.887	0.792	0.680	0.789	0.899	MAX
MIN	0.927	0.896	0.994	1.052	1.082	0.981	0.847	0.808	0.674	0.649	0.668	0.808	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 0.956
MAXIMUM DAILY, 1.533 ON MAY 2
MINIMUM DAILY, 0.649 ON OCT 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 33 03 N
LONG 120 45 20 W

REGULATED SINCE 1950

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 776.640 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OWIKENO LAKE AT RIVERS INLET - STATION NO. 08FA007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.728	1.661	1.726	1.518	2.537	2.755	2.676	2.772	2.530	3.855A	3.371	1.646	1
2	2.518	1.614	1.686	1.515	2.522	2.697	2.707	2.713	2.547	3.695A	3.845A	1.699	2
3	2.343	1.570	1.666	1.507	2.441	2.745	2.803	2.690	2.519	3.306	4.187E	1.710	3
4	2.222	1.538	1.644	1.506	2.341	2.807	2.895	2.670	2.492	2.944	3.720A	1.685	4
5	2.156E	1.502	1.612	1.578	2.232	2.822	2.892	2.646	2.439	2.685	3.422	1.689	5
6	2.090E	1.468	1.578	1.614	2.165	2.892	2.850	2.705	2.407	2.528	3.092	1.692	6
7	2.030E	1.443	1.543	1.606	2.168	2.804	2.743	2.804	2.450	2.542	2.827	1.661	7
8	1.989E	1.417	1.518	1.603	2.152	2.672	2.633	2.947	2.560	2.560	2.648	1.636	8
9	1.940E	1.409	1.494	1.603	2.134	2.558	2.530	3.060	2.736	2.498	2.617	1.607	9
10	1.891E	1.369	1.467	1.593	2.111	2.510	2.467	3.168	2.873	2.369	2.519	1.560	10
11	1.848E	1.340	1.453	1.576	2.075	2.492	2.486	3.238	2.807	2.238	2.793	1.532	11
12	1.811E	1.336	1.445	1.550	2.038	2.449	2.563	3.247	2.704	2.120	3.061	1.512	12
13	1.784A	1.345	1.444	1.520	2.044	2.399	2.665	3.192	2.560	2.014	2.881	1.485	13
14	1.747	1.423	1.460	1.494	2.073	2.379	2.736	3.129	2.455	1.962	2.672	1.474	14
15	1.709	1.606	1.465	1.471	2.124	2.417	2.801	3.067	2.393	1.923	2.499	1.477	15
16	1.677	1.768	1.469	1.464	2.141	2.494	2.888	2.980	2.421	1.937	2.360	1.459	16
17	1.652	1.878	1.464	1.472	2.156	2.450	2.990	2.894	2.514	1.967	2.255	1.439	17
18	1.646	2.003	1.451	1.463	2.178	2.430	3.113	2.857	2.768	1.934	2.144	1.436	18
19	1.850	2.102	1.432	1.453	2.265	2.499	3.227	2.865	2.928	1.920	2.054	1.484	19
20	2.253	2.241	1.415	1.469	2.395	2.578	3.244	2.841	2.790	1.888	1.969	1.598	20
21	2.431	2.248	1.403	1.491	2.508	2.540	3.179	2.797	2.613	1.834	1.912	1.625	21
22	2.531	2.217	1.402	1.546	2.545	2.492	3.120	2.738	2.478	1.770	1.869	1.616	22
23	2.507	2.171	1.405	1.942	2.580	2.462	3.071	2.732	2.352	1.717	1.823	1.585	23
24	2.396	2.093	1.406	2.424	2.692	2.445	3.078	2.765	2.233	1.678	1.771	1.571	24
25	2.266	2.007	1.391	2.421	2.854	2.436	3.121	2.779	2.115	1.688	1.727	1.578	25
26	2.142	1.924	1.389	2.313	2.879	2.462	3.188	2.695	2.017	1.746	1.685	1.564	26
27	2.032	1.850	1.396	2.224	2.794	2.473	3.221	2.605	1.935	1.822	1.639	1.541	27
28	1.940	1.782	1.424	2.195	2.686	2.467	3.184	2.538	1.958	2.010	1.601	1.517	28
29	1.851		1.467	2.194	2.663	2.510	3.083	2.469	1.980	2.049	1.590	1.482	29
30	1.779		1.487	2.291	2.765	2.637	2.954	2.410	2.385	2.088	1.593	1.453	30
31	1.713		1.507		2.810		2.848	2.416		3.109		1.416	31
MEAN	2.047	1.726	1.487	1.721	2.389	2.559	2.902	2.820	2.465	2.270	2.472	1.562	MEAN
MAX	2.728	2.248	1.726	2.424	2.879	2.892	3.244	3.247	2.928	3.855	4.187	1.710	MAX
MIN	1.646	1.336	1.389	1.453	2.038	2.379	2.467	2.410	1.935	1.678	1.590	1.416	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.205
MAXIMUM DAILY, 4.187E ON NOV 3
MINIMUM DAILY, 1.336 ON FEB 12
MAXIMUM INSTANTANEOUS,
4.307 ON NOV 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 40 N
LONG 127 10 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

OYAMA CREEK ABOVE WOOD LAKE IRRIGATION INTAKE - STATION NO. 08NM048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.042A	0.042B	0.042A	0.079	0.484	0.980	0.433	0.343	0.326	0.055	0.137	0.122	1
2	0.045A	0.045B	0.042A	0.071	0.501	0.886	0.399	0.320	0.238	0.075	0.130	0.122	2
3	0.042A	0.045B	0.042A	0.068	0.538	0.779	0.379	0.323	0.231	0.043	0.124	0.105	3
4	0.040A	0.045B	0.048A	0.062	0.566	0.688	0.357	0.391	0.234	0.038	0.119	0.118	4
5	0.040A	0.045B	0.048A	0.062	0.578	0.646	0.340	0.391	0.226	0.036	0.111	0.124	5
6	0.040A	0.045B	0.042A	0.065	0.578	0.578	0.337	0.379	0.223	0.055	0.106	0.129	6
7	0.040A	0.045B	0.042A	0.062	0.555	0.479	0.411	0.374	0.218	0.072	0.101	0.125	7
8	0.045A	0.045B	0.042A	0.062	0.527	0.422	0.391	0.368	0.231	0.061	0.099	0.119	8
9	0.048A	0.045B	0.042A	0.062	0.473	0.442	0.357	0.365	0.253	0.080	0.098	0.113	9
10	0.048A	0.048B	0.042A	0.059	0.445	0.462	0.422	0.365	0.253	0.077	0.099	0.114	10
11	0.045A	0.048B	0.042A	0.057	0.436	0.456	0.487	0.362	0.255	0.071	0.100	0.106	11
12	0.042A	0.048B	0.042A	0.059	0.450	0.425	0.447	0.360	0.249	0.070	0.111	0.096B	12
13	0.042A	0.048B	0.045A	0.057	0.416	0.476	0.467	0.357	0.229	0.066	0.107	0.096B	13
14	0.040A	0.048B	0.048A	0.057	0.405	0.507	0.481	0.357	0.237	0.064	0.105	0.099B	14
15	0.037B	0.048B	0.048A	0.065	0.459	0.623	0.456	0.348	0.230	0.065	0.100	0.099B	15
16	0.037B	0.048B	0.074A	0.071	0.481	0.617	0.447	0.351	0.237	0.065	0.100	0.096B	16
17	0.037B	0.048B	0.068A	0.082	0.453	0.587	0.439	0.345	0.238	0.061	0.100	0.096B	17
18	0.037B	0.048B	0.062A	0.093	0.413	0.561	0.428	0.340	0.237	0.062	0.101	0.102B	18
19	0.040B	0.048B	0.059A	0.105	0.391	0.643	0.425	0.343	0.266	0.062	0.099	0.110B	19
20	0.040B	0.045B	0.059	0.125	0.382	0.575	0.416	0.345	0.256	0.064	0.101	0.099B	20
21	0.040B	0.045A	0.054	0.139	0.456	0.527	0.408	0.362A	0.261	0.069	0.116	0.091B	21
22	0.042B	0.042A	0.054	0.164	0.422	0.507	0.382	0.337	0.253	0.074	0.124	0.091B	22
23	0.042B	0.042A	0.054	0.207	0.430	0.473	0.360	0.335	0.254	0.074	0.122	0.093B	23
24	0.045A	0.042A	0.054	0.345	0.413	0.445	0.396	0.332	0.249	0.075	0.119	0.091B	24
25	0.048A	0.057A	0.059	0.320	0.660	0.419	0.377	0.327	0.253	0.077	0.111	0.085B	25
26	0.048A	0.051A	0.065	0.462	1.25	0.507	0.357	0.328	0.242	0.090	0.115	0.082B	26
27	0.045A	0.048A	0.071	0.450	0.988	0.456	0.340	0.333	0.108	0.097	0.114	0.082B	27
28	0.045A	0.045A	0.071	0.425	0.847	0.433	0.385	0.327	0.072	0.135	0.107	0.082B	28
29	0.045A		0.076	0.425	0.691	0.411	0.374	0.341	0.063	0.149	0.118	0.074B	29
30	0.042A		0.076	0.453	0.915	0.405	0.365	0.335	0.052	0.138	0.109	0.068B	30
31	0.042A		0.076		1.18		0.360	0.329		0.138		0.062B	31
TOTAL	1.311	1.299	1.689	4.813	17.783	16.375	12.423	10.813	6.674	2.358	3.303	3.091	TOTAL
MEAN	0.042	0.046	0.054	0.160	0.574	0.546	0.401	0.349	0.222	0.076	0.110	0.100	MEAN
MAX	0.048	0.057	0.076	0.462	1.25	0.980	0.487	0.391	0.326	0.149	0.137	0.129	MAX
MIN	0.037	0.042	0.042	0.057	0.382	0.405	0.337	0.320	0.052	0.036	0.098	0.062	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.224
MAXIMUM DAILY, 1.25 ON MAY 26
MINIMUM DAILY, 0.036 ON OCT 5
MAXIMUM INSTANTANEOUS,
1.46 AT 23:50 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 57 N
LONG 119 20 05 W
DRAINAGE AREA, 44.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	113	JUL	1 070
FEB	112	AUG	934
MAR	146	SEP	577
APR	416	OCT	204
MAY	1 540	NOV	285
JUN	1 410	DEC	267

TOTAL DISCHARGE, 7 070 dam³

OYSTER RIVER BELOW WOODHUS CREEK - STATION NO. 08HD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.0 E	7.07	9.68	10.9 E	13.1 E	6.64E	7.92	4.49	1.83	60.1	125	7.92	1
2	20.4 E	6.66	8.85	8.70E	12.8 E	8.50E	7.46	4.16	1.74	29.8	64.2	9.84A	2
3	15.8 E	6.39	8.65	8.50E	11.8 E	9.71E	7.38	3.85	1.82	18.4 A	34.4	28.1 E	3
4	12.3 E	5.94	8.00	8.81E	10.7 E	10.1 E	7.30	3.43	1.80	11.7 E	21.2	8.80A	4
5	9.40E	5.54	7.13	11.4 E	9.21E	10.4 E	6.78	3.27	1.75	32.2 E	15.8	35.0 E	5
6	8.10E	4.91	6.67	13.2 E	7.74E	9.50E	6.33	3.04	1.64	36.9 E	12.5	24.1 E	6
7	8.69A	4.57	6.25	8.83E	8.51E	8.79E	6.31	2.94	1.57	19.9 E	10.7	17.8 E	7
8	8.21	4.42	5.91	7.33E	9.30E	8.21E	5.78	2.71	1.54	37.3 E	9.32	13.1 E	8
9	9.03	4.11	5.57A	6.22E	10.2 E	7.79E	5.37	2.61	1.45	25.0 E	8.24	14.6 E	9
10	8.92	3.80	5.41E	7.03E	9.51E	7.61E	5.65	2.51	1.37	12.2 E	7.58	14.2 E	10
11	8.33	4.40	5.39E	5.62E	8.10E	7.72E	10.2	2.39	1.30	9.99E	95.6	9.84A	11
12	7.70	3.81	5.42E	5.64E	6.23E	7.83E	10.5	2.33	1.29	8.71E	63.1	9.45	12
13	6.94	4.36	5.45E	5.27E	7.31E	7.00E	8.49	2.24	1.25	7.91E	39.9	8.56	13
14	6.63	10.7	5.55E	5.21E	8.91E	6.45E	7.63	2.13	1.15	7.40E	55.3	8.74	14
15	6.18	19.3	5.83E	16.3 E	8.72E	6.61E	6.90	2.06A	1.07	7.05A	52.8	8.68	15
16	5.81	55.3	6.19E	16.2 E	6.03E	6.03E	6.47	1.65E	1.07	6.34	36.8	8.77	16
17	5.96	57.8	5.32E	14.1 E	6.94E	7.00E	6.02	1.54E	1.06	5.83	25.5	8.30	17
18	37.0	38.9	4.82E	10.2 E	6.83E	9.90E	5.96	1.47E	1.42	5.41	18.4	8.47	18
19	91.5	69.9	4.09E	9.01E	7.51E	11.8 E	5.99	1.41E	1.79	4.97	20.3	66.5	19
20	65.9	44.5	3.98E	9.62E	8.00E	10.4 E	5.82	1.42E	2.07	4.71	23.4	66.8	20
21	137	26.0	3.95E	8.84E	7.81E	9.31E	5.26	1.42E	18.4	4.29	46.4	15.3 E	21
22	131	18.7	6.00E	8.38A	6.71E	8.72E	5.08	1.42E	12.9	4.01	28.2	13.9 E	22
23	52.5	16.5	11.3 E	25.5 E	5.92E	10.5 E	4.76	1.41E	8.83	3.63	19.9	12.1 E	23
24	28.0	16.5	12.5 E	39.7 E	6.62E	12.1 E	4.66	1.40E	7.14	3.50	18.5 A	10.7 E	24
25	18.6	13.6	14.1 E	24.1 E	11.0 E	11.0 E	4.35	1.42E	6.04	3.23	15.4 E	9.21E	25
26	18.0	11.9	9.10E	10.2 E	12.1 E	8.51E	4.06	1.43E	5.33	3.16	12.7 E	8.61A	26
27	14.7	10.7	7.00E	19.7 E	8.32E	7.42E	3.93	1.42E	14.9	10.9	10.5 E	7.50	27
28	12.4	10.6	7.05E	27.2 E	8.41E	7.91E	3.81	1.43E	16.3	25.8	9.42A	6.87	28
29	10.6		9.12E	14.0 E	8.23E	7.90E	5.69	1.47E	11.1	15.3	8.51	6.18	29
30	8.96		11.3 E	13.6 E	8.00E	7.89A	5.33	1.48E	9.32	25.8	7.89	5.36	30
31	8.09		11.0 E		7.61E		4.80	1.44A		161		5.20	31
TOTAL	810.65	486.88	226.58	379.31	268.18	259.25	191.99	67.39	140.24	612.44	917.46	478.50	TOTAL
MEAN	26.2	17.4	7.31	12.6	8.65	8.64	6.19	2.17	4.67	19.8	30.6	15.4	MEAN
MAX	137	69.9	14.1	39.7	13.1	12.1	10.5	4.49	18.4	161	125	66.8	MAX
MIN	5.81	3.80	3.95	5.21	5.92	6.03	3.81	1.40	1.06	3.16	7.58	5.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.3
MAXIMUM DAILY, 161 ON OCT 31
MINIMUM DAILY, 1.06 ON SEP 17
MAXIMUM INSTANTANEOUS,
190 AT 06:41 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 38 N
LONG 125 14 18 W
DRAINAGE AREA, 298 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70 000	JUL	16 600
FEB	42 100	AUG	5 820
MAR	19 600	SEP	12 100
APR	32 800	OCT	52 900
MAY	23 200	NOV	79 300
JUN	22 400	DEC	41 300

TOTAL DISCHARGE, 418 000 dam³

PACK RIVER AT OUTLET OF MCLEOD LAKE - STATION NO. 07EE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.2E	27.9E	26.3E	35.1	168	98.0	33.6	11.5	5.59	6.74	8.61	14.0	1
2	40.0E	27.8E	26.2E	37.4	182	94.8	32.4	11.3	5.84	6.85	9.24	14.3	2
3	39.8E	27.6E	26.2E	39.5	194	90.8	30.5	11.1	6.01	6.91	9.85	13.9	3
4	39.5E	27.4E	26.2E	40.8	200	87.0	28.9	11.0	6.05	7.06	10.4	13.7	4
5	39.0E	27.2E	25.8E	42.8	206	83.1	27.4	10.6	6.20	7.21	10.6	13.7	5
6	38.5E	27.1E	25.5E	43.3	213	78.3	26.3	10.4	6.20	6.87	10.8	14.1	6
7	38.0E	27.0E	25.2E	43.4	219	74.1	24.7	9.96	6.10	7.13	10.6	13.9	7
8	37.5E	27.0E	24.9E	43.9	227	70.0	23.6	9.86	6.17	7.57	11.3	13.6	8
9	36.8E	27.0E	24.7E	44.2	234	66.5	22.6	9.83	6.02	7.76	11.8	13.6	9
10	36.2E	27.0E	24.3A	43.9	241	62.9	21.7	9.51	6.04	7.97	11.7	13.6	10
11	35.5E	27.0E	23.9	43.3	240	61.4	21.1	9.11	5.91	8.01	12.2	13.4	11
12	34.9E	27.0E	23.6	42.6	237	60.1	20.5	8.41	5.81	8.32	12.4	13.2	12
13	34.2E	27.2E	23.6	41.9	233	58.7	19.3	8.27	5.68	8.30	12.4	12.8	13
14	33.3E	27.5E	23.3	41.6	228	56.9	18.3	8.09	5.55	8.14	12.6	13.2	14
15	32.5E	27.8E	23.1	40.9	226	54.7	18.3	7.70	5.61	8.29	13.4	13.2	15
16	32.0E	28.1E	23.1	41.0	223	53.6	17.9	7.53	5.60	8.32	13.8	12.6	16
17	31.5E	28.5E	23.0	41.1	217	52.3	17.3	7.22	5.47	8.36	14.0	12.5	17
18	31.2E	28.7E	23.3	41.5	210	51.0	16.9	7.05	5.46	8.21	14.1	12.0	18
19	31.2E	28.9E	23.5	42.8	200	50.2	16.6	7.00	5.47	7.94	14.4	12.3	19
20	31.1E	29.0E	23.2	45.7	192	48.9	16.0	6.85	5.35	7.93	14.5	12.4	20
21	31.2E	29.0E	23.4	49.8	182	47.2	15.2	6.56	5.22	7.82	14.8	12.1	21
22	31.2E	28.9E	23.6	56.2	173	45.6	14.8	6.52	5.32	7.83	14.9	12.0	22
23	31.2E	28.5E	23.8	65.5	162	44.4	14.4	5.98	5.46	7.73	14.6	12.0	23
24	31.2E	28.2E	23.9	80.4	151	43.0	14.0	5.83	5.41	7.67	14.5	12.1	24
25	31.0E	27.8E	23.9	96.6	141	41.3	14.0	6.06	5.37	7.52	14.6	12.2	25
26	30.5E	27.3E	24.3	113	136	39.8	13.6	5.98	5.42	7.53	13.9	12.0	26
27	30.0E	27.0E	24.2	127	129	39.0	13.1	6.13	5.50	7.63	13.7	11.6	27
28	29.6E	26.8E	25.8	137	120	37.7	12.4	5.79	5.63	7.94	13.8	11.6	28
29	28.9A		27.5	147	112	36.4	12.3	5.53	5.87	8.14	14.1	11.6	29
30	28.5E		29.3	156	105	35.1	12.5	5.71	6.86	8.71	13.7	11.7	30
31	28.2E		32.2		101		12.0	5.65		8.77		11.5	31
TOTAL	1 044.4	776.2	770.8	1 865.2	5 802	1 762.8	602.2	248.03	172.19	241.18	381.30	396.4	TOTAL
MEAN	33.7	27.7	24.9	62.2	187	58.8	19.4	8.00	5.74	7.78	12.7	12.8	MEAN
MAX	40.2	29.0	32.2	156	241	98.0	33.6	11.5	6.86	8.77	14.9	14.3	MAX
MIN	28.2	26.8	23.0	35.1	101	35.1	12.0	5.53	5.22	6.74	8.61	11.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 241 ON MAY 10
MINIMUM DAILY, 5.22 ON SEP 21
MAXIMUM INSTANTANEOUS,
242 AT 18:45 PST ON MAY 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 59 45 N
LONG 123 02 08 W
DRAINAGE AREA, 3 690 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	90 200	JUL	52 000
FEB	67 100	AUG	21 400
MAR	66 600	SEP	14 900
APR	161 000	OCT	20 800
MAY	501 000	NOV	32 900
JUN	152 000	DEC	34 200

TOTAL DISCHARGE, 1 210 000 dam³

PALLANT CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08OB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.6	7.39	7.96	10.9	7.33	2.77	3.01	---	1.63	19.9	11.9	20.1	1
2	14.5	7.12	7.21	9.93	7.37	2.80	3.47	---	1.31	15.6	10.5	17.9	2
3	12.1	6.41	6.40	8.82	7.00	3.95	3.11	---	1.24	12.9	9.53	15.1	3
4	10.4	5.71	5.46	20.0	6.17	6.57	2.83	---	1.18	10.7	20.2	17.9	4
5	10.5	5.08	5.05	18.7	5.71	5.41	2.65	---	2.45	14.3	19.0	21.6	5
6	14.9	4.49	5.51	15.1	5.03	7.58	2.57	---	3.12	15.1	18.2	16.3	6
7	15.7	4.02	7.11	13.4	5.20	6.62	2.40	---	3.34	13.7	13.7	13.6	7
8	15.6	3.74	10.5	12.1	4.81	5.65	2.31	---	18.6	11.7	13.6	11.4	8
9	21.2	3.48	25.0	10.3	8.41	4.95	2.20	---	21.0	9.68	13.3	9.40	9
10	34.3	3.13	18.7	8.84	8.00	4.44	2.09	---	18.8	8.17	21.9	7.89	10
11	25.0	2.90	14.6	7.72	6.19	4.06	1.95	---	16.4	6.80	24.3	6.47	11
12	21.0	2.89	11.9	7.11	5.58	3.71	1.82	---	12.1	5.76	22.0	5.52	12
13	21.5	7.97	10.1	7.52	5.25	3.47	1.67	---	9.89	5.38	21.0	4.89	13
14	20.6	25.5	13.9	25.1	4.81	3.26	1.63	---	11.9	5.07	16.8	5.26	14
15	16.8	20.6	18.6	19.7	4.52	3.15	1.51	---	17.1	5.56	13.8	5.16	15
16	18.5	17.3	14.9	15.7	4.13	3.44	1.47	---	13.6	5.18	11.5	6.87	16
17	17.1	21.8	12.2	12.9	4.14	3.12	1.39	0.480A	12.3	4.88	9.70	13.0	17
18	26.1	25.9	10.3	10.9	4.02	3.92	1.35	0.433	14.5	8.33	9.27	12.5	18
19	21.6	24.2	8.74	10.7	3.75	4.91	1.26	0.404	13.3	6.43	11.6	17.5	19
20	20.1	31.7	7.41	15.0	3.35	4.91	1.17	0.403	11.8	5.60	10.3	13.6	20
21	30.8	52.3	6.12	11.9	3.16	4.16	1.12A	2.92	9.93	4.95	11.9	11.2	21
22	28.4	36.2	6.22	10.6	3.18	3.93	---	1.78	8.19	4.52	15.2	11.4	22
23	22.6	26.0	6.66	9.19	3.41	3.68	---	1.50	6.69	4.10	15.1	12.2	23
24	18.2	20.3	8.59	8.07	3.22	3.35	---	1.42	5.59	3.86	12.7	16.8	24
25	15.4	16.3	8.24	7.05	3.04	3.14	---	1.38	4.86	3.96	11.5	14.8	25
26	16.1	13.1	7.05	6.51	3.10	2.94	---	1.44	4.41	3.80	9.72	13.1	26
27	14.5	10.9	9.83	6.01	2.94	2.65	---	1.37	12.4	4.06	8.15	11.0	27
28	13.1	9.53	22.7	5.86	2.73	2.57	---	1.25	10.1	4.52	10.0	9.12	28
29	11.0		15.0	5.85	2.99	4.24	---	1.16	12.3	5.54	9.30	7.70	29
30	9.61		13.7	6.95	2.75	3.27	---	1.13	28.1	16.5	17.3	6.67	30
31	8.41		12.9		2.47		---	1.33		13.1		5.95	31
TOTAL	563.22	415.96	338.56	338.43	143.76	122.62	---	---	308.13	259.65	422.97	361.90	TOTAL
MEAN	18.2	14.9	10.9	11.3	4.64	4.09	---	---	10.3	8.38	14.1	11.7	MEAN
MAX	34.3	52.3	25.0	25.1	8.41	7.58	---	---	28.1	19.9	24.3	21.6	MAX
MIN	8.41	2.89	5.05	5.85	2.47	2.57	---	---	1.18	3.80	8.15	4.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 52.3 ON FEB 21

MAXIMUM INSTANTANEOUS,
63.8 AT 19:16 PST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 10 N
LONG 132 02 20 W
DRAINAGE AREA, 76.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 700	JUL	---
FEB	35 900	AUG	---
MAR	29 300	SEP	26 600
APR	29 200	OCT	22 400
MAY	12 400	NOV	36 500
JUN	10 600	DEC	31 300

PALLISER RIVER IN LOT SL49 - STATION NO. 08NF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.49B	3.51B	2.76B	3.40	25.2	69.4	69.1	36.0	15.4	8.22	6.10	4.62B	1
2	8.27B	3.37B	2.75B	3.62	30.0	68.1	59.1	32.9	17.9	10.6	6.04	4.39B	2
3	7.19B	3.14B	2.72B	3.43	25.1	78.8	65.9	33.9	16.0	9.21	6.13	4.39B	3
4	6.23B	2.92B	3.03	3.45	21.5	69.2	79.6	34.1	15.9	8.74	5.91	4.67B	4
5	5.32B	2.59B	3.00	3.28	20.2	59.2	84.0	31.2	15.9	8.73	5.90	5.18B	5
6	5.32B	2.52B	2.89	3.20	18.9	58.3	77.9	31.2	14.7	8.14	5.68	5.21B	6
7	5.35B	2.61B	2.68	3.09	18.5	55.7	65.4	32.0	14.7	8.27	5.54	4.93B	7
8	5.47B	2.69B	2.72	3.17	18.1	47.6	50.6	33.9	14.5	8.74	5.78	4.67B	8
9	5.58B	2.66B	2.70	3.00	18.2	40.9	43.1	31.9	14.5	8.73	5.70	4.62B	9
10	5.07B	2.09B	2.86	3.00	18.8	37.8	39.1	30.9	13.9	8.59	5.62	4.59B	10
11	5.13B	1.99B	2.83	3.09	18.9	36.0	36.8	29.5	13.0	8.08	5.61	4.73B	11
12	4.67B	2.09B	3.00	3.00	18.6	35.1	40.7	29.0	12.7	8.67	5.72	4.73B	12
13	4.28B	2.38B	3.09	3.09	18.9	35.7	48.1	28.7	12.0	9.47	5.60	4.08B	13
14	3.91B	2.66B	2.97	3.09	19.6	37.3	65.7	28.2	11.2	9.73	5.52	3.54B	14
15	3.57B	2.97B	3.06	3.31	21.7	40.9	58.8	28.3	10.7	10.4	5.68	3.57B	15
16	3.28B	3.14B	2.97	3.85	21.5	44.8	58.0	25.8	10.9	9.89	5.61	4.08B	16
17	3.03B	3.31B	3.06	4.19	21.1	44.4	55.7	24.9	10.9	9.49	5.63	3.77B	17
18	3.00B	3.28B	3.06	4.73	24.7	39.6	57.5	23.3	11.1	10.4	5.64	3.43B	18
19	3.57B	3.28B	3.09	5.32	34.8	34.8	59.0	22.0	11.8	10.2	5.56	3.34B	19
20	3.82B	3.34B	3.11	6.34	43.3	32.4	57.8	21.2	11.2	6.82	5.40	4.33B	20
21	4.11B	3.11B	3.03	7.25	54.1	30.7	55.7	19.5	9.66	6.40	5.40	4.39B	21
22	4.08B	2.94B	3.09	7.16	62.6	28.4	58.1	18.2	9.88	6.35	5.40	3.68B	22
23	4.13B	2.94B	3.31	8.07	74.2	29.0	54.2	17.5	9.88	6.41	5.29	3.48B	23
24	4.47B	2.94B	3.26	13.3	83.3	27.6	48.1	18.0	9.18	6.36	5.16	3.77B	24
25	4.53B	2.94B	3.20	13.9	84.7	30.3	48.4	18.8	8.76	6.38	5.19	3.96B	25
26	4.30B	2.94B	3.11	12.1	117	40.5	44.6	20.3	8.28	6.59	4.81B	4.13B	26
27	3.96B	2.86B	3.17	11.3	100	46.9	43.5	19.4	7.90	6.61	4.53B	4.11B	27
28	4.05B	2.78B	3.23	11.2	82.1	41.6	45.7	16.7	7.92	6.53	4.16B	4.05B	28
29	3.88B		3.31	11.5	72.0	37.9	45.7	15.4	7.71	6.47	4.67B	3.68B	29
30	3.82B		3.60	12.9	73.0	50.0	43.4	15.9	7.76	6.41	5.13B	3.40B	30
31	3.65B		3.34		80.0		36.9	14.6		6.04		3.17B	31
TOTAL	146.53	79.99	94.00	181.33	1 340.6	1 328.9	1 696.2	783.2	355.83	251.67	164.11	128.69	TOTAL
MEAN	4.73	2.86	3.03	6.04	43.2	44.3	54.7	25.3	11.9	8.12	5.47	4.15	MEAN
MAX	9.49	3.51	3.60	13.9	117	78.8	84.0	36.0	17.9	10.6	6.13	5.21	MAX
MIN	3.00	1.99	2.68	3.00	18.1	27.6	36.8	14.6	7.71	6.04	4.16	3.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.9
MAXIMUM DAILY, 117 ON MAY 26
MINIMUM DAILY, 1.99B ON FEB 11
MAXIMUM INSTANTANEOUS,
125 AT 18:45 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 31 N
LONG 115 37 09 W
DRAINAGE AREA, 653 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 700	JUL	147 000
FEB	6 910	AUG	67 700
MAR	8 120	SEP	30 700
APR	15 700	OCT	21 700
MAY	116 000	NOV	14 200
JUN	115 000	DEC	11 100

TOTAL DISCHARGE, 567 000 dam³

PARKER CREEK NEAR THE MOUTH - STATION NO. 10CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.012B	0B	0B	0 B	0.024B	---	---	---	---	---	0.040B	0.021B	1
2	0.011B	0B	0B	0 B	---	---	---	---	---	---	0.038B	0.019B	2
3	0.010B	0B	0B	0 B	---	---	---	---	---	---	0.040B	0.018B	3
4	0.010B	0B	0B	0 B	---	---	---	---	---	---	0.035B	0.015B	4
5	0.010B	0B	0B	0 B	---	---	---	---	---	---	0.041B	0.017B	5
6	0.010B	0B	0B	0 B	---	---	---	---	---	---	0.042B	0.017B	6
7	0.010B	0B	0B	0 B	---	---	---	---	---	---	0.037B	0.011B	7
8	0.009B	0B	0B	0 B	---	0.558A	0.220A	---	---	0.034A	0.035B	0.012B	8
9	0.008B	0B	0B	0.001B	---	---	---	---	---	---	0.037B	0.013B	9
10	0.008B	0B	0B	0.001B	---	---	---	---	---	---	0.037B	0.012B	10
11	0.008B	0B	0B	0.001B	---	---	---	---	---	---	0.038B	0.010B	11
12	0.008B	0B	0B	0.001B	---	---	---	---	---	---	0.040B	0.007B	12
13	0.008B	0B	0B	0.001B	---	---	---	---	---	---	0.033B	0.005B	13
14	0.008B	0B	0B	0.001B	---	---	---	---	---	---	0.029B	0.004B	14
15	0.007B	0B	0B	0.001B	---	---	---	---	---	0.108B	0.029B	0.008B	15
16	0.006B	0B	0B	0.001B	---	---	---	---	---	0.106B	0.026B	0.008B	16
17	0.005B	0B	0B	0.001B	---	---	---	---	---	0.103B	0.027B	0.008B	17
18	0.004B	0B	0B	0.001B	---	---	---	---	---	0.104B	0.026B	0.012B	18
19	0.004B	0B	0B	0.002B	---	---	---	---	---	0.106B	0.028B	0.014B	19
20	0.004B	0B	0B	0.003B	---	---	---	---	---	0.080B	0.030B	0.020B	20
21	0.004B	0B	0B	0.004B	---	---	---	---	---	0.063B	0.027B	0.017B	21
22	0.004B	0B	0B	0.004B	---	---	---	---	---	0.067B	0.024B	0.013B	22
23	0.003B	0B	0B	0.005B	---	---	---	---	---	0.061B	0.021B	0.011B	23
24	0.003B	0B	0B	0.005B	---	---	---	---	---	0.064B	0.020B	0.011B	24
25	0.002B	0B	0B	0.006B	---	---	---	---	---	0.050B	0.021B	0.013B	25
26	0.002B	0B	0B	0.007B	---	---	---	---	---	0.046B	0.022B	0.011B	26
27	0.002B	0B	0B	0.011B	---	---	---	---	---	0.048B	0.022B	0.007B	27
28	0.001B	0B	0B	0.017B	---	---	---	---	---	0.044B	0.024B	0.004B	28
29	0 B		0B	0.021B	---	---	---	---	---	0.041B	0.023B	0.001B	29
30	0 B		0B	0.022B	---	---	---	---	---	0.043B	0.020B	0.001B	30
31	0 B		0B		---		---	---		0.045B		0 B	31
TOTAL	0.181	0	0	0.117	---	---	---	---	---	---	0.912	0.340	TOTAL
MEAN	0.006	0	0	0.004	---	---	---	---	---	---	0.030	0.011	MEAN
MAX	0.012	0	0	0.022	---	---	---	---	---	---	0.042	0.021	MAX
MIN	0	0	0	0	---	---	---	---	---	---	0.020	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JAN 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 14 33 N
LONG 122 48 05 W
DRAINAGE AREA, 60.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15.6	JUL	---
FEB	0	AUG	---
MAR	0	SEP	---
APR	10.1	OCT	---
MAY	---	NOV	78.8
JUN	---	DEC	29.4

PARSNIP RIVER ABOVE MISINCHINKA RIVER - STATION NO. 07EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	150 B	73.5B	47.5B	109 B	341A	679A	208	66.0	33.0	73.5	87.5	47.2B	1
2	142 B	70.0B	45.0B	115 B	385A	639A	195	60.8	40.1	110	110	47.0B	2
3	132 B	66.5B	43.5B	114 B	355A	606A	187	56.4	52.0	89.0	98.0	47.0B	3
4	124 B	63.0B	42.5B	96.0B	344A	586A	186	55.1	49.0	67.4	124	47.5B	4
5	118 B	60.5B	41.5B	80.0B	382A	527A	169	53.2	43.1	55.9	135	48.5B	5
6	113 B	57.5B	40.5B	68.0B	428A	473A	147	51.3	39.2	51.3	113	49.0B	6
7	105 B	55.0B	40.0B	59.0B	432A	432A	138	49.7	40.9	50.1	96.9	48.5B	7
8	99.0B	52.5B	39.5B	55.0B	460A	373A	124	49.0	43.2	54.9	85.8	48.0B	8
9	93.0B	50.0B	39.0B	51.0B	533A	326A	109	47.9	41.3	58.7	97.7	47.5B	9
10	88.0B	49.0B	38.7B	49.5B	541A	301A	100	47.0	40.4	54.9	148	47.0B	10
11	83.5B	47.0B	38.5B	47.5B	464A	296A	93.6	45.6	40.0	49.7	143	46.0B	11
12	80.0B	46.5B	38.5B	46.5B	439A	314A	90.9	45.1	38.4	46.9	175	45.0B	12
13	75.5B	46.0B	38.7B	45.5B	468A	327A	93.9	45.1	35.5	44.4	174	44.2B	13
14	73.0B	47.0B	39.0B	45.5B	524	319A	103	43.9	32.2	41.5	140	43.7B	14
15	70.5B	50.0B	39.2B	46.5B	572	302A	107	41.8	29.6	40.0	113	43.5B	15
16	69.0B	53.5B	39.4B	49.0B	603	304A	101	39.6	28.4	41.3	99.2	42.5B	16
17	66.0B	57.0B	39.8B	54.0B	606	299A	93.5	38.0	28.0	48.6	88.0	42.2B	17
18	63.0B	61.0B	40.2B	59.0B	617	270A	89.0	36.9	29.7	50.5	81.7	42.2B	18
19	62.0B	63.0B	41.0B	68.0B	648	258	88.4	36.1	31.2	47.7	74.9	42.2B	19
20	64.0B	65.0B	42.0B	87.0B	677	305	94.1	35.5	32.0	44.4	72.5	42.5B	20
21	68.0B	64.0B	43.5B	105 B	705	301	96.4	34.7	31.1	40.5	70.2	43.0B	21
22	71.0B	64.5B	45.5B	170 A	840	284	92.7	35.0	28.9	37.5	65.6	42.5B	22
23	75.5B	61.5B	47.5B	224 A	895	262	87.1	33.8	27.3	36.9	62.6	42.0B	23
24	80.5B	58.0B	51.0B	372 A	810	269	85.7	33.0	26.9	35.2	58.3	41.8B	24
25	83.5B	55.0B	54.0B	457 A	784	266	84.4	32.6	26.6	35.6	53.5B	41.5B	25
26	86.0B	52.5B	59.0B	378 A	844	247	78.4	34.7	26.5	38.5	51.5B	41.5B	26
27	86.5B	50.5B	67.0B	294 A	843	225	74.2	40.4	26.3	41.4	49.5B	41.2B	27
28	85.5B	49.5B	74.0B	265 A	698	208	72.4	44.2	26.1	43.9	48.5B	41.0B	28
29	83.8B		80.0B	278 A	632	200	71.2	45.8	26.9	58.8	48.0B	40.0B	29
30	82.0B		90.0B	281 A	636	213	70.2	40.0	32.8	63.0	47.5B	39.5B	30
31	78.0B		99.0B		678		70.0	34.9		59.4		38.0B	31
TOTAL	2 750.8	1 589.0	1 524.5	4 169.0	18 184	10 406	3 400.1	1 353.1	1 026.6	1 611.4	2 812.4	1 363.2	TOTAL
MEAN	88.7	56.8	49.2	139	587	347	110	43.6	34.2	52.0	93.7	44.0	MEAN
MAX	150	73.5	99.0	457	895	679	208	66.0	52.0	110	175	49.0	MAX
MIN	62.0	46.0	38.5	45.5	341	200	70.0	32.6	26.1	35.2	47.5	38.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 138
MAXIMUM DAILY, 895 ON MAY 23
MINIMUM DAILY, 26.1 ON SEP 28
MAXIMUM INSTANTANEOUS,
922 AT 03:30 PST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 41 N
LONG 122 54 17 W
DRAINAGE AREA, 4 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	238 000	JUL	294 000
FEB	137 000	AUG	117 000
MAR	132 000	SEP	88 700
APR	360 000	OCT	139 000
MAY	1 570 000	NOV	243 000
JUN	899 000	DEC	118 000

TOTAL DISCHARGE, 4 340 000 dam³

PASAYTEN RIVER ABOVE CALCITE CREEK - STATION NO. 08NL069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0 E	2.90E	2.30B	2.84	20.8	33.5	18.9	7.63	4.18	2.24	3.60	1.80B	1
2	15.5 E	2.70B	2.20B	2.71	18.1	32.8	17.7	7.60	4.80	4.20	3.68	1.63B	2
3	13.5 E	2.55B	2.70B	2.75	15.8	29.1	17.3	8.17	3.71	3.82	3.43	1.45B	3
4	12.0 E	2.40B	2.40B	2.73	14.7	27.9	19.6	8.23	3.29	3.03	3.39	1.70B	4
5	10.7 E	2.20B	2.16B	2.71	13.2	26.1	19.4	7.38	3.16	2.78	3.09	1.90B	5
6	9.20E	2.10B	2.00B	2.71	12.6	29.0	16.6	6.86	2.95	2.81	3.08	1.80B	6
7	8.20E	1.95B	2.40B	2.67	11.9	25.4	14.1	6.65	2.80	4.53	3.33	1.72B	7
8	7.20E	1.80B	2.38B	2.70	11.2	22.8	12.7	6.39	2.68	4.41	3.04	1.65B	8
9	7.60E	1.70B	2.30B	2.67	11.7	20.9	12.0	6.08	2.63	3.68	2.98	1.70B	9
10	7.20E	1.60B	2.40B	2.59	11.6	20.0	12.7	5.89	2.44	3.19	2.88	1.80B	10
11	7.00E	1.70B	2.30B	2.62	11.6	18.9	13.3	5.45	2.40	2.92	2.82	1.60B	11
12	7.80E	1.90B	2.48B	2.59	11.8	18.0	11.9	5.31	2.32	2.82	3.08	1.45B	12
13	6.60E	2.20B	2.55B	2.47	12.6	17.5	12.7	5.03	2.26	2.65	3.17	1.30B	13
14	5.70E	2.40B	2.68B	2.59	13.2	16.8	13.2	5.30	2.21	2.64	2.99	1.16B	14
15	4.80E	2.70B	2.77	2.69	15.0	16.6	12.4	5.43	2.13	2.57	2.80B	1.70B	15
16	4.60E	3.00B	2.77	2.82	14.8	16.8	12.6	4.98	2.09	2.60	2.68B	1.62B	16
17	5.30E	3.20B	2.77	2.82	14.6	16.6	14.0	4.82	2.05	2.59	2.50B	1.56B	17
18	6.80E	4.40B	2.69	3.00	15.5	16.2	16.9	4.31	1.92	2.52	2.40B	1.35B	18
19	6.30E	3.80B	2.64	3.46	17.6	17.4	14.7	4.12	2.50	2.49	2.30B	1.50B	19
20	5.80E	4.00B	2.47	4.45	20.7	18.2	13.3	3.93	2.60	2.58	2.20B	1.48B	20
21	5.30E	3.80B	2.66	4.46	23.0	17.8	11.6	3.78	2.37	2.30	2.10B	1.40B	21
22	4.80E	3.60B	2.73	4.71	23.6	17.1	10.8	3.57	2.35	2.32	2.00B	1.30B	22
23	5.20E	3.30B	2.72	6.89	28.0	17.1	12.1	3.38	2.26	2.35	1.92B	1.25B	23
24	4.30E	3.00B	2.68	10.7	34.5	16.7	11.8	3.25	2.24	2.38	1.88B	1.20B	24
25	3.80E	2.90B	2.77	9.36	54.6	17.6	11.0	3.10	2.24	2.25	1.70B	1.30B	25
26	3.30E	2.76B	2.77	8.44	53.0	20.4	10.4	3.11	2.12	2.24	1.80B	1.25B	26
27	2.79A	2.60B	2.75	8.10	41.9	20.8	9.67	3.01	1.98	2.53	1.60B	1.18B	27
28	4.40E	2.50B	2.71	8.83	36.8	18.3	9.39	2.92	2.43	3.10	1.20B	1.12B	28
29	4.20E		2.90	11.1	38.0	18.8	8.86	2.83	2.54	3.89	1.50B	1.08B	29
30	3.70E		2.97	15.5	44.7	20.5	8.52	2.87	2.31	3.45	1.76B	1.04B	30
31	3.30E		2.83		39.6		7.98	2.90		3.23		1.00B	31
TOTAL	214.89	75.66	79.85	144.68	706.7	625.6	408.12	154.28	77.96	91.03	76.80	44.99	TOTAL
MEAN	6.93	2.70	2.58	4.82	22.8	20.9	13.2	4.98	2.60	2.94	2.56	1.45	MEAN
MAX	18.0	4.40	2.97	15.5	54.6	33.5	19.6	8.23	4.80	4.53	3.68	1.90	MAX
MIN	2.79	1.60	2.00	2.47	11.2	16.2	7.98	2.83	1.92	2.24	1.20	1.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.40
MAXIMUM DAILY, 54.6 ON MAY 25
MINIMUM DAILY, 1.00B ON DEC 31
MAXIMUM INSTANTANEOUS,
68.5 AT 19:45 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 56 N
LONG 120 34 36 W
DRAINAGE AREA, 562 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 600	JUL	35 300
FEB	6 540	AUG	13 300
MAR	6 900	SEP	6 740
APR	12 500	OCT	7 860
MAY	61 100	NOV	6 640
JUN	54 100	DEC	3 890

TOTAL DISCHARGE, 233 000 dam³

PAUL CREEK AT THE OUTLET OF PINANTAN LAKE - STATION NO. 08LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.091	0.087	0.100	0.129	0.257	0.447	0.250	0.117	0.021	0.040	0.067	0.100	1
2	0.091	0.083	0.100	0.137	0.250	0.447	0.236	0.117	0.021	0.047	0.071	0.100	2
3	0.091	0.083	0.109	0.137	0.254E	0.430	0.220	0.117	0.021	0.057	0.067	0.095	3
4	0.091E	0.079	0.113	0.137	0.257	0.413	0.204	0.113	0.024	0.061	0.071	0.095	4
5	0.091	0.075	0.113	0.135E	0.285	0.396	0.199E	0.109	0.022	0.061	0.071	0.095	5
6	0.091	0.075	0.113	0.133	0.314	0.314	0.195	0.100	0.025	0.061	0.071	0.095	6
7	0.091	0.075	0.125	0.137	0.396	0.292E	0.195	0.100	0.025	0.067	0.067E	0.095	7
8	0.087	0.075E	0.129	0.141	0.380	0.271	0.190	0.095	0.025	0.067	0.064	0.095	8
9	0.087	0.075	0.129	0.137	0.380	0.271	0.181	0.095	0.025	0.071	0.091	0.091	9
10	0.087	0.071	0.129	0.141	0.396	0.271	0.176E	0.087	0.025	0.075	0.083	0.091	10
11	0.087E	0.064	0.129	0.145	0.509	0.271	0.170	0.079	0.024	0.079E	0.083	0.091	11
12	0.087	0.064	0.125	0.145E	0.528	0.271	0.159	0.064	0.024	0.083	0.091	0.091	12
13	0.087	0.064	0.125	0.145	0.611	0.271E	0.159	0.057	0.024E	0.087	0.091	0.091	13
14	0.083	0.064	0.125	0.142	0.694	0.271E	0.159	0.052	0.024	0.091	0.095	0.091	14
15	0.075	0.064E	0.125	0.141	0.509	0.271E	0.153	0.052	0.024	0.091	0.095	0.087	15
16	0.075	0.064	0.125	0.141	0.509	0.271	0.149	0.045	0.024	0.091	0.095	0.087	16
17	0.075	0.071	0.141	0.141	0.515E	0.314	0.149	0.040	0.022	0.091	0.095	0.083	17
18	0.071	0.079	0.145	0.141	0.521E	0.331	0.149	0.038	0.022	0.091	0.095	0.083	18
19	0.067	0.087	0.141	0.145E	0.528	0.355	0.149E	0.036	0.025E	0.087	0.100	0.091	19
20	0.067	0.083	0.137	0.149	0.547	0.355	0.149	0.036	0.027E	0.085E	0.100	0.089E	20
21	0.071	0.087	0.104	0.153	0.565	0.388	0.145	0.030	0.030	0.083E	0.104	0.087	21
22	0.071	0.087E	0.104E	0.153	0.584	0.396	0.145	0.027	0.038	0.081E	0.104	0.083	22
23	0.083	0.087	0.104	0.164	0.584	0.405	0.129	0.026E	0.040	0.079	0.104	0.083	23
24	0.091	0.087	0.104	0.159	0.565	0.405	0.129	0.025	0.038	0.079	0.104	0.083	24
25	0.091	0.113	0.100	0.170	0.565	0.388	0.129	0.024	0.036	0.075	0.104	0.085E	25
26	0.095	0.109	0.100	0.170E	0.547	0.355	0.131E	0.019	0.036E	0.071	0.104	0.087	26
27	0.095	0.104	0.129	0.170	0.528	0.339	0.133	0.016	0.036E	0.067	0.104	0.087E	27
28	0.095	0.104	0.129	0.181	0.509	0.314E	0.133	0.016	0.036	0.067	0.104	0.087	28
29	0.095		0.129E	0.176	0.473	0.292	0.125	0.016	0.033	0.067	0.104	0.083	29
30	0.095		0.129	0.199	0.464	0.264	0.125	0.016E	0.038	0.067	0.104	0.083	30
31	0.091		0.129		0.464		0.121	0.015		0.067		0.083	31
TOTAL	2.645	2.260	3.739	4.494	14.488	10.079	5.036	1.779	0.835	2.286	2.703	2.767	TOTAL
MEAN	0.085	0.081	0.121	0.150	0.467	0.336	0.162	0.057	0.028	0.074	0.090	0.089	MEAN
MAX	0.095	0.113	0.145	0.199	0.694	0.447	0.250	0.117	0.040	0.091	0.104	0.100	MAX
MIN	0.067	0.064	0.100	0.129	0.250	0.264	0.121	0.015	0.021	0.040	0.064	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.146
MAXIMUM DAILY, 0.694 ON MAY 14
MINIMUM DAILY, 0.015 ON AUG 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 43 30 N
LONG 120 01 58 W
DRAINAGE AREA, 55.7 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	229	JUL	435
FEB	195	AUG	154
MAR	323	SEP	72.1
APR	388	OCT	198
MAY	1 250	NOV	234
JUN	871	DEC	239

TOTAL DISCHARGE, 4 590 dam³

PAVILION CREEK ABOVE DIVERSIONS - STATION NO. 08MD028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.091	0.505	0.291	0.167	0.107	0.073	---	---	1
2	---	---	---	---	0.081	0.504	0.270	0.155	0.098	0.072A	---	---	2
3	---	---	---	---	0.080	0.500	0.256	0.162	0.092	---	---	---	3
4	---	---	---	---	0.082	0.485	0.245	0.164	0.092	---	---	---	4
5	---	---	---	---	0.088	0.463	0.242	0.149	0.092	---	---	---	5
6	---	---	---	---	0.084	0.439	0.247	0.144	0.089	---	---	---	6
7	---	---	---	---	0.095	0.427	0.243	0.140	0.088	---	---	---	7
8	---	---	---	---	0.101	0.415	0.249	0.134	0.086	---	---	---	8
9	---	---	---	---	0.107	0.400	0.219	0.129	0.085	---	---	---	9
10	---	---	---	---	0.116	0.386	0.220	0.129	0.084	---	---	---	10
11	---	---	---	---	0.123	0.382	0.220	0.122	0.085	---	---	---	11
12	---	---	---	---	0.136	0.384	0.205	0.122	0.085	---	---	---	12
13	---	---	---	---	0.149	0.417	0.222	0.121	0.081	---	---	---	13
14	---	---	---	---	0.161	0.401	0.244	0.118	0.081	---	---	---	14
15	---	---	---	---	0.182	0.375	0.224	0.114	0.080	---	---	---	15
16	---	---	---	---	0.191	0.367	0.221	0.112	0.079	---	---	---	16
17	---	---	---	---	0.186	0.349	0.208	0.111	0.080	---	---	---	17
18	---	---	---	---	0.197	0.351	0.210	0.108	0.078	---	---	---	18
19	---	---	---	---	0.240	0.345	0.226	0.106	0.077	---	---	---	19
20	---	---	---	---	0.307	0.328	0.214	0.107	0.077	---	---	---	20
21	---	---	---	---	0.424	0.318	0.200	0.105	0.077	---	---	---	21
22	---	---	---	0.064A	0.462	0.324	0.199	0.102	0.076	---	---	---	22
23	---	---	---	0.078	0.457	0.311	0.220	0.100	0.076	---	---	---	23
24	---	---	---	0.077	0.488	0.301	0.240	0.097	0.075	---	---	---	24
25	---	---	---	0.067	0.584	0.295	0.204	0.097	0.075	---	---	---	25
26	---	---	---	0.067	0.586	0.283	0.192	0.094	0.073	---	---	---	26
27	---	---	---	0.066	0.548	0.287	0.180	0.093	0.074	---	---	---	27
28	---	---	---	0.069	0.543	0.277	0.178	0.093	0.073	---	---	---	28
29	---		---	0.072	0.534	0.259	0.179	0.095	0.073	---	---	---	29
30	---		---	0.089	0.541	0.271	0.174	0.098	0.072	---	---	---	30
31	---		---		0.533		0.180	0.092		---		---	31
TOTAL	---	---	---	---	8.497	11.149	6.822	3.680	2.460	---	---	---	TOTAL
MEAN	---	---	---	---	0.274	0.372	0.220	0.119	0.082	---	---	---	MEAN
MAX	---	---	---	---	0.586	0.505	0.291	0.167	0.107	---	---	---	MAX
MIN	---	---	---	---	0.080	0.259	0.174	0.092	0.072	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.586 ON MAY 26

MAXIMUM INSTANTANEOUS,
0.650 AT 20:40 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 41 N
LONG 121 43 04 W
DRAINAGE AREA, 37.1 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	589
FEB	---	AUG	318
MAR	---	SEP	213
APR	---	OCT	---
MAY	734	NOV	---
JUN	963	DEC	---

PEACE RIVER ABOVE ALCES RIVER - STATION NO. 07FD010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.890E	4.855	5.629	3.319	3.002	4.208	2.620	2.943	2.400E	2.937	2.571	3.374	1
2	2.075E	5.585	4.855	3.338	3.301	4.468	2.554	2.924	2.427A	2.860	2.991	3.391	2
3	2.158E	6.040	4.374	3.494	3.384	4.112	2.221	3.193	2.278	3.010	3.134	3.357	3
4	1.900E	6.785	3.723	3.045	3.276	3.813	2.433	2.749	2.454	2.903	3.201	3.399	4
5	2.060E	6.729	3.577	3.299	3.537	3.884	2.091	2.373	2.661	3.088	3.170	3.435	5
6	2.208A	6.733	3.408	3.296	3.583	3.554	1.976	2.179	2.754	2.836	3.275	3.281	6
7	2.182	7.308	3.306	3.260	3.664	3.266	2.062	2.114	2.566	2.918	3.200	3.291	7
8	2.235	7.969	3.197	3.285	3.730	2.966	1.946	1.561	2.639	2.992	3.301	3.186	8
9	2.115	7.415	3.297	3.294	4.035	2.939	1.762	1.624	2.447	2.977	3.304	2.588	9
10	1.890	7.535	3.230	3.197	4.233	2.778	1.709	1.736	2.591	2.977	3.217	2.839	10
11	1.598	7.564	3.195	3.217	4.259	2.875	1.801	1.838	2.598	2.982	3.231	2.711	11
12	1.888	7.475	3.171	3.164	3.860	2.798	1.839	1.740	2.620	2.979	3.104	2.663	12
13	1.934	7.297	3.218	3.163	3.879	2.616	1.658	1.810	2.575	2.943	3.207	2.848	13
14	1.720	7.029	3.369	3.107	3.911	2.682	1.701	1.817	2.556	2.879	3.378	3.118	14
15	1.849	6.951	3.215	3.146	4.224	2.606	1.828	1.950	2.579	2.982	3.277	3.230	15
16	2.076	6.900	3.431	3.062	3.972	2.806	2.288	1.217	2.610	2.970	3.346	3.207	16
17	2.543	6.719	3.271	3.102	3.889	2.851	2.645	1.255	2.444	2.966	3.284	3.142	17
18	4.046	6.599	3.191	3.169	4.043	3.012	2.003	1.645	2.446	2.931	3.248	3.200	18
19	4.602	6.004	3.182	3.093	4.155	2.856	1.361	1.858	2.453	2.987	3.233	3.321	19
20	4.479	4.636	3.193	3.309	4.313	2.671	1.953	1.936	2.393	3.009	3.357	3.040	20
21	4.677	4.491	3.249	3.465	4.443	2.578	3.061	2.010	2.324	2.966	3.338	3.022	21
22	4.684	4.632	3.236	3.258	4.490	2.531	3.142	1.880	2.771	2.940	3.004	3.179	22
23	4.105	4.754	3.226	3.274	4.576	2.512	2.999	1.468	2.988	2.986	3.255	2.911	23
24	4.305	5.042	3.200	2.925	4.321	2.563	2.617	1.757	2.896	3.029	3.293	2.876	24
25	4.003	4.800	2.881	2.366	4.122	2.547	2.727	1.811	2.886	2.793	3.362	2.651	25
26	3.570	5.047	3.129	2.407	4.129	2.512	2.882	2.030A	2.891	2.770	3.251	2.211	26
27	3.364	5.005	3.134	2.690	4.520	2.562	2.785	2.168E	2.863	3.111	3.197	2.273	27
28	3.364	5.801	3.180	2.886	4.669	2.481	2.908	2.190E	2.845	2.978	3.258	2.756	28
29	4.097		3.282	2.904	4.263	2.327	2.875	1.640E	2.871	3.025	3.298	2.982	29
30	4.031		3.331	2.935	4.003	2.322	2.563	1.855E	2.861	2.903	3.388	3.477	30
31	4.642		3.351		3.967		2.761	2.120E		2.805		3.519	31
MEAN	2.974	6.204	3.427	3.116	3.992	2.957	2.315	1.980	2.623	2.949	3.222	3.048	MEAN
MAX	4.684	7.969	5.629	3.494	4.669	4.468	3.142	3.193	2.988	3.111	3.388	3.519	MAX
MIN	1.598	4.491	2.881	2.366	3.002	2.322	1.361	1.217	2.278	2.770	2.571	2.211	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 3.212
MAXIMUM DAILY, 7.969 ON FEB 8
MINIMUM DAILY, 1.217 ON AUG 16
MAXIMUM INSTANTANEOUS,
8.411 AT 09:29 PST ON FE 7

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 07 32 N
LONG 120 03 32 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

DRAINAGE AREA,
118 000 km²

118 000 ²

PEACE RIVER ABOVE PINE RIVER - STATION NO. 07FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	602E	894E	1 420E	1 560E	725E	1 270E	929E	1 280E	920E	1 470	1 320	1 750B	1
2	753E	1 070E	1 390E	1 580E	829E	1 540E	808E	1 290E	943E	1 490	1 520	1 820B	2
3	781E	1 430E	1 500E	1 790E	833E	1 250E	649E	1 570E	936E	1 470	1 530	1 760B	3
4	745E	1 330E	1 560E	1 280E	811E	1 170E	780E	1 080E	1 120E	1 510	1 590	1 820B	4
5	721E	1 440E	1 660E	1 590E	1 120E	1 290E	590E	944E	1 270E	1 580	1 630	1 820B	5
6	790E	1 480E	1 570E	1 580E	1 140E	1 080E	607E	806E	1 220E	1 350	1 630	1 670B	6
7	857E	1 580E	1 550E	1 570E	1 210E	905E	669E	741E	1 170E	1 510	1 600	1 770B	7
8	882E	1 390E	1 460E	1 580E	1 190E	800E	652E	561E	1 090E	1 510	1 650	1 490B	8
9	761E	1 370E	1 550E	1 580E	1 490E	820E	562E	591E	1 050E	1 520	1 660	1 180B	9
10	727E	1 600E	1 520E	1 530E	1 500E	750E	578E	670E	1 160E	1 520	1 610	1 340B	10
11	608E	1 660E	1 500E	1 550E	1 580E	920E	658E	670E	1 150E	1 520	1 550	1 300B	11
12	722E	1 690E	1 500E	1 530E	1 120E	820E	644E	679E	1 150E	1 520	1 480	1 210B	12
13	623E	1 640E	1 520E	1 540E	1 130E	697E	558E	685E	1 140E	1 460	1 570	1 380B	13
14	488E	1 640E	1 680E	1 490E	1 120E	720E	585E	714E	1 120E	1 470	1 630	1 590B	14
15	563E	1 280E	1 640E	1 520E	1 370E	685E	641E	700E	1 190E	1 520	1 600	1 660B	15
16	695E	1 300E	1 630A	1 470E	1 140E	862E	931E	451E	1 150E	1 510	1 620	1 640B	16
17	714E	1 360E	1 520E	1 490E	1 150E	887E	1 060E	491E	1 110E	1 500	1 650B	1 580B	17
18	678E	1 140E	1 520E	1 500E	1 230E	1 050E	650E	654E	1 090E	1 470	1 600B	1 640B	18
19	685E	835E	1 490E	1 540E	1 280E	905E	457E	751E	1 140E	1 510	1 660B	1 760B	19
20	674E	589E	1 550E	1 550E	1 310E	785E	886E	818E	1 110E	1 520	1 710B	1 660B	20
21	608E	645E	1 580E	1 540E	1 410E	770E	1 420E	778E	1 150E	1 470	1 660B	1 750B	21
22	682E	570E	1 590E	1 550E	1 310E	755E	1 470E	692E	1 540A	1 480	1 650B	1 620B	22
23	490E	805E	1 590E	1 520E	1 170E	777E	1 310E	585E	1 540	1 520	1 700B	1 400B	23
24	601E	855E	1 530E	1 560E	970E	766E	1 000E	741E	1 480	1 450	1 700B	1 410B	24
25	623E	810E	1 360E	1 590E	890E	770E	1 210E	795E	1 480	1 370	1 740B	1 140B	25
26	533E	960E	1 510E	1 550E	900E	748E	1 230E	678E	1 430	1 460	1 610B	910B	26
27	650E	1 130E	1 510E	1 360E	1 320E	798E	1 210E	566E	1 440	1 600	1 650B	1 020B	27
28	716E	1 480E	1 510E	905E	1 750E	721E	1 290E	771E	1 450	1 490	1 670B	1 320B	28
29	768E		1 520E	695E	1 460E	661E	1 240E	706E	1 470	1 510	1 730B	1 650B	29
30	761E		1 540E	703E	1 190E	675E	940E	644E	1 450	1 430	1 790B	1 960B	30
31	847E		1 550E		1 160E		1 390E	773E		1 260		1 910B	31
TOTAL	21 348	33 973	47 520	43 793	36 808	26 647	27 604	23 875	36 659	45 970	48 530	47 930	TOTAL
MEAN	689	1 210	1 530	1 460	1 190	888	890	770	1 220	1 480	1 620	1 550	MEAN
MAX	882	1 690	1 680	1 790	1 750	1 540	1 470	1 570	1 540	1 600	1 790	1 960	MAX
MIN	488	570	1 360	695	725	661	457	451	920	1 260	1 320	910	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 210
MAXIMUM DAILY, 1 960B ON DEC 30
MINIMUM DAILY, 451E ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 12 13 N
LONG 120 48 48 W
DRAINAGE AREA, 83 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 840 000	JUL	2 380 000
FEB	2 940 000	AUG	2 060 000
MAR	4 110 000	SEP	3 170 000
APR	3 780 000	OCT	3 970 000
MAY	3 180 000	NOV	4 190 000
JUN	2 300 000	DEC	4 140 000

TOTAL DISCHARGE, 38 100 000 dam³

PEACE RIVER AT HUDSON HOPE - STATION NO. 07EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	657	869	1 350	1 520	411	539	681	1 230	914	1 370	1 410	1 690	1
2	722	1 180	1 450	1 520	377	567	488	1 360	903	1 460	1 460	1 680	2
3	755	1 250	1 520	1 460	377	506	651	1 220	974	1 350	1 550	1 700	3
4	686	1 100	1 590	1 460	700	704	457	917	1 100	1 490	1 490	1 780	4
5	731	1 190	1 540	1 510	772	616	419	829	1 200	1 380	1 630	1 720	5
6	824	1 260	1 540	1 490	825	590	541	808	1 090	1 360	1 510	1 600	6
7	792	1 280	1 490	1 500A	913	384	502	514	1 150	1 460	1 600	1 740	7
8	844	1 160	1 510	1 450E	811	519	456	560	1 020	1 440	1 590	1 240	8
9	737	1 290	1 510	1 420E	763	483	454	645	1 110	1 450	1 590	1 310	9
10	523	1 490	1 500	1 430E	843	598	515	691	1 130	1 450	1 550	1 310	10
11	529	1 540	1 480	1 420E	725	619	566	657	1 160	1 450	1 430	1 280	11
12	605	1 540	1 500	1 430E	793	423	490	688	1 130	1 460	1 450	1 270	12
13	506	1 410	1 570	1 380E	832	469	502	694	1 130	1 370	1 530	1 510	13
14	560	1 310	1 500	1 410E	977	442	538	779	1 130	1 450	1 560	1 560	14
15	631	1 250	1 570	1 360E	884	562	735	398	1 200	1 460	1 600	1 610	15
16	631	1 200	1 520	1 390E	836	576	1 030	441	1 090	1 450	1 550	1 610	16
17	567	1 300	1 450	1 400E	1 010	579	696	654	1 110	1 410	1 590	1 640	17
18	565	1 070	1 470	1 400E	1 010	586	294	733	1 120	1 420	1 540	1 540	18
19	542	579	1 480	1 430E	1 090	506	567	770	1 080	1 440	1 680	1 560	19
20	610	578	1 540	1 440E	1 060E	422	1 160	866	1 030	1 430	1 650	1 400	20
21	666	608	1 540	1 450E	1 100A	412	1 340	778	1 360	1 400	1 460	1 580	21
22	538	712	1 550	1 460A	803	410	1 280	560	1 450	1 430	1 500	1 390	22
23	554	836	1 540	1 470	501	478	1 040	691	1 380	1 480	1 700	1 320	23
24	588	837	1 350	1 480	482	474	885	762	1 390	1 310	1 740	1 360	24
25	605	940	1 480	1 510	482	441	1 140	711	1 360	1 300	1 650	969	25
26	607	1 050	1 490	1 370	510	500	1 090	544	1 400	1 510	1 560	938	26
27	630	1 310	1 470	1 290	529	477	1 190	731	1 350	1 470	1 610	1 250	27
28	756	1 380	1 470	442	492	411	1 210	733	1 380	1 470	1 610	1 400E	28
29	672		1 480	423	561	460	1 030	533	1 380	1 420	1 710	1 610E	29
30	857		1 490	394	531	634	1 020	675	1 440	1 380	1 750	1 800	30
31	758		1 460		817		1 290	803		1 130		1 750	31
TOTAL	20 248	31 519	46 400	40 109	22 817	15 387	24 257	22 975	35 661	43 850	47 250	46 117	TOTAL
MEAN	653	1 130	1 500	1 340	736	513	782	741	1 190	1 410	1 580	1 490	MEAN
MAX	857	1 540	1 590	1 520	1 100	704	1 340	1 360	1 450	1 510	1 750	1 800	MAX
MIN	506	578	1 350	394	377	384	294	398	903	1 130	1 410	938	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 090
MAXIMUM DAILY, 1 800 ON DEC 30
MINIMUM DAILY, 294 ON JUL 18
MAXIMUM INSTANTANEOUS,
2 040 AT 17:46 PST ON NOV 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 01 39 N
LONG 121 53 56 W
DRAINAGE AREA, 70 200 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 750 000	JUL	2 100 000
FEB	2 720 000	AUG	1 990 000
MAR	4 010 000	SEP	3 080 000
APR	3 470 000	OCT	3 790 000
MAY	1 970 000	NOV	4 080 000
JUN	1 330 000	DEC	3 980 000

TOTAL DISCHARGE, 34 300 000 dam³

PEACE RIVER NEAR TAYLOR - STATION NO. 07FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	662	948	1 480	1 620	938	2 450	1 180	1 430	980	1 480	1 320	1 820	1
2	814	1 120	1 450	1 640	1 060	2 560	1 050	1 430	1 000	1 510	1 580	1 880	2
3	842	1 490	1 560	1 850	1 060	2 170	902	1 690	996	1 550	1 640	1 830	3
4	806	1 380	1 620	1 340	1 030	1 990	1 050	1 200	1 190	1 560	1 690	1 880	4
5	781	1 490	1 720	1 650	1 350	2 040	839	1 060	1 340	1 650	1 710	1 880	5
6	847	1 530	1 630	1 640	1 390	1 760	816	920	1 280	1 380	1 730	1 730	6
7	913	1 630	1 620	1 630	1 480	1 510	855	853	1 220	1 540	1 700	1 820	7
8	936	1 440	1 540	1 640	1 530	1 350	821	673	1 140	1 550	1 760	1 540	8
9	815	1 420	1 630	1 640	1 900	1 320	712	700	1 110	1 550	1 750	1 220	9
10	781	1 650	1 600	1 590	2 010	1 200	714	777	1 260	1 550	1 730	1 380	10
11	663	1 710	1 590	1 610	2 050	1 320	785	776	1 220	1 550	1 700	1 340	11
12	777	1 740	1 590	1 590	1 670	1 240	767	785	1 220	1 550	1 610	1 250	12
13	677	1 700	1 610	1 600	1 780	1 150	691	789	1 210	1 490	1 740	1 420	13
14	540	1 700	1 660E	1 550	1 870	1 170	737	814	1 180	1 470	1 840	1 630	14
15	614	1 340	1 600E	1 580	2 200	1 130	802	795	1 240	1 540	1 760	1 700	15
16	745	1 360	1 660E	1 530	1 920	1 300	1 080	542	1 200	1 530	1 790	1 680	16
17	764	1 420	1 600	1 550A	1 940	1 320	1 200	576	1 160	1 520	1 790	1 620	17
18	728	1 200	1 590	1 570E	2 090	1 430	780	735	1 140	1 490	1 710	1 680	18
19	736	902	1 560	1 610E	2 240	1 260	594	829	1 190	1 540	1 760	1 810	19
20	726	655	1 620	1 640E	2 380	1 110	1 030	892	1 160	1 550	1 800	1 710E	20
21	673	710	1 650	1 650E	2 630	1 070	1 580	850	1 200	1 520	1 770	1 760E	21
22	753	635	1 660	1 670E	2 670	1 030	1 620	762	1 530	1 500	1 540	1 640E	22
23	564	869	1 660	1 680E	2 720	1 030	1 470	655	1 480	1 540	1 780	1 440	23
24	669	918	1 600	1 780E	2 410	1 010	1 170	821	1 490	1 480	1 780	1 450	24
25	685	873	1 430	1 870E	2 240	1 020	1 370	765	1 480	1 380	1 820	1 180	25
26	692	1 030	1 580	1 790E	2 310	994	1 380	749	1 430	1 450	1 680	953	26
27	706	1 190	1 580	1 540E	2 820	1 050	1 360	670	1 450	1 640	1 720	1 060	27
28	771	1 550	1 580	1 090A	2 900	967	1 440	847	1 460	1 510	1 740	1 360	28
29	823		1 590	886	2 400	898	1 400	783	1 460	1 550	1 800	1 680	29
30	816		1 610	903	2 150	920	1 120	716	1 450	1 450	1 860	1 990	30
31	902		1 620		2 170		1 550	838		1 290		1 940	31
TOTAL	23 221	35 600	49 490	46 929	61 308	40 769	32 865	26 722	37 866	46 860	51 600	49 273	TOTAL
MEAN	749	1 270	1 600	1 560	1 980	1 360	1 060	862	1 260	1 510	1 720	1 590	MEAN
MAX	936	1 740	1 720	1 870	2 900	2 560	1 620	1 690	1 530	1 650	1 860	1 990	MAX
MIN	540	635	1 430	886	938	898	594	542	980	1 290	1 320	953	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 380
MAXIMUM DAILY, 2 900 ON MAY 28
MINIMUM DAILY, 540 ON JAN 18
MAXIMUM INSTANTANEOUS,
3 080 AT 23:20 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 08 09 N
LONG 120 40 13 W
DRAINAGE AREA, 97 400 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 010 000	JUL	2 840 000
FEB	3 080 000	AUG	2 310 000
MAR	4 280 000	SEP	3 270 000
APR	4 050 000	OCT	4 050 000
MAY	5 300 000	NOV	4 460 000
JUN	3 520 000	DEC	4 260 000

TOTAL DISCHARGE, 43 400 000 dam³

PEACHLAND CREEK ABOVE DIVERSIONS - STATION NO. 08NM140

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.130	0.031B	0.068	0.125	0.292	0.544	0.430	0.345	0.396	0.268	0.157	0.094	1
2	0.108	0.031B	0.065	0.116	0.280	0.558	0.428	0.345	0.379	0.263	0.157	0.093	2
3	0.093	0.031B	0.059	0.102	0.266	0.827	0.425	0.343	0.368	0.249	0.162	0.077	3
4	0.088	0.031B	0.065	0.085	0.323	0.813	0.416	0.331	0.371	0.253	0.149	0.092	4
5	0.085	0.031B	0.062	0.076	0.314	0.816	0.411	0.320	0.357	0.261	0.148	0.096	5
6	0.082	0.031B	0.051	0.085	0.283	0.841	0.408	0.311	0.351	0.280	0.146	0.097	6
7	0.076	0.031B	0.048	0.074	0.292	0.833	0.433	0.340	0.345	0.303	0.147	0.099	7
8	0.048	0.031B	0.048	0.065	0.323	0.844	0.430	0.360	0.334	0.298	0.150	0.102	8
9	0.037	0.031B	0.045	0.068	0.337	0.858	0.413	0.357	0.328	0.295	0.148	0.111	9
10	0.034	0.028B	0.048	0.065	0.351	0.855	0.430	0.354	0.334	0.293	0.151	0.118	10
11	0.031	0.031B	0.051	0.068	0.354	0.886	0.433	0.343	0.337	0.285	0.157	0.098	11
12	0.031	0.031B	0.054	0.059	0.343	0.773	0.388	0.337	0.340	0.288	0.161	0.059	12
13	0.028	0.034B	0.062	0.057	0.314	0.394	0.425	0.340	0.340	0.305	0.162	0.059B	13
14	0.028	0.037B	0.074	0.059	0.328	0.365	0.428	0.337	0.345	0.307	0.166	0.059B	14
15	0.021	0.040B	0.088	0.062	0.379	0.456	0.399	0.343	0.351	0.312	0.169	0.062B	15
16	0.026	0.042	0.091	0.088	0.379	0.841	0.396	0.345	0.343	0.318	0.172	0.062B	16
17	0.027	0.074	0.088	0.122	0.351	0.869	0.388	0.354	0.343	0.322	0.173	0.059B	17
18	0.037	0.079	0.079	0.139	0.371	0.869	0.391	0.348	0.340	0.328	0.172	0.062B	18
19	0.045	0.102	0.076	0.144	0.411	0.447	0.405	0.345	0.377	0.328	0.157	0.068B	19
20	0.042	0.099	0.074	0.176	0.362	0.374	0.399	0.343	0.365	0.315	0.139	0.074B	20
21	0.042	0.074	0.082	0.190	0.430	0.354	0.385	0.365	0.365	0.303	0.137	0.071B	21
22	0.048	0.068	0.076	0.187	0.445	0.374	0.385	0.365	0.396A	0.303	0.138	0.068B	22
23	0.059	0.065	0.068	0.207	0.408	0.490	0.379	0.371	0.415	0.301	0.129	0.065B	23
24	0.057	0.065	0.065	0.221	0.368	0.481	0.388	0.371	0.393	0.297	0.118	0.068B	24
25	0.048	0.076	0.068	0.210	0.388	0.470	0.391	0.365	0.386	0.289	0.119	0.065B	25
26	0.045	0.082	0.091	0.198	0.464	0.467	0.371	0.357	0.390	0.288	0.121	0.062B	26
27	0.045	0.079	0.102	0.181	1.27	0.459	0.362	0.357	0.386	0.240	0.111	0.062B	27
28	0.040	0.074	0.105	0.190	1.87	0.453	0.348	0.357	0.387	0.181	0.090	0.065B	28
29	0.040		0.113	0.227	1.30	0.442	0.362	0.374	0.382	0.178	0.092	0.062B	29
30	0.037		0.125	0.263	0.668	0.445	0.360	0.385	0.289	0.162	0.093	0.057B	30
31	0.034		0.116		0.575		0.348	0.382		0.155		0.054B	31
TOTAL	1.592	1.459	2.307	3.909	14.839	18.498	12.355	10.890	10.833	8.568	4.291	2.340	TOTAL
MEAN	0.051	0.052	0.074	0.130	0.479	0.617	0.399	0.351	0.361	0.276	0.143	0.075	MEAN
MAX	0.130	0.102	0.125	0.263	1.87	0.886	0.433	0.385	0.415	0.328	0.173	0.118	MAX
MIN	0.021	0.028	0.045	0.057	0.266	0.354	0.348	0.311	0.289	0.155	0.090	0.054	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.252
MAXIMUM DAILY, 1.87 ON MAY 28
MINIMUM DAILY, 0.021 ON JAN 15
MAXIMUM INSTANTANEOUS,
2.23 AT 12:44 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 13 N
LONG 119 47 58 W
DRAINAGE AREA, 122 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138	JUL	1 070
FEB	126	AUG	941
MAR	199	SEP	936
APR	338	OCT	740
MAY	1 280	NOV	371
JUN	1 600	DEC	202

TOTAL DISCHARGE, 7 940 dam³

PEACHLAND CREEK AT THE MOUTH - STATION NO. 08NM159

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.155	0.062	0.089	0.115	0.275	0.505	0.365	0.298	0.388	0.279	0.193	0.128	1
2	0.139	0.054	0.089	0.079	0.309	0.496	0.350	0.246	0.388	0.259	0.177	0.142	2
3	0.127	0.049	0.089	0.086	0.275	0.688	0.311	0.241	0.365	0.246	0.182	0.123	3
4	0.127	0.049	0.093	0.079	0.336	0.665	0.279	0.230	0.350	0.236	0.172	0.137	4
5	0.119	0.044	0.089	0.079	0.365	0.665	0.279	0.219	0.350	0.246	0.167	0.142	5
6	0.119	0.036	0.082	0.089	0.309	0.665	0.279	0.230	0.350	0.298	0.167	0.142	6
7	0.108	0.036	0.076	0.089	0.295	0.665	0.298	0.246	0.350	0.365	0.157	0.142	7
8	0.097	0.028B	0.079	0.082	0.275	0.688	0.350	0.259	0.311	0.279	0.167	0.128	8
9	0.089	0.028B	0.076	0.076	0.275	0.741	0.311	0.292	0.311	0.279	0.167	0.142	9
10	0.082	0.028B	0.076	0.076	0.275	0.688	0.311	0.279	0.311	0.266	0.167	0.142	10
11	0.074	0.031B	0.074	0.076	0.295	0.688	0.388	0.259	0.327	0.279	0.172	0.133	11
12	0.065	0.037B	0.074	0.076	0.309	0.665	0.350	0.246	0.298	0.292	0.182	0.089	12
13	0.059	0.042B	0.079	0.089	0.255	0.373	0.373	0.246	0.298	0.279	0.182	0.089	13
14	0.049	0.051B	0.086	0.082	0.275	0.373	0.405	0.246	0.292	0.259	0.187	0.089	14
15	0.033	0.057B	0.086	0.089	0.357	0.327	0.388	0.279	0.292	0.246	0.187	0.114	15
16	0.033	0.071	0.093	0.097	0.416	0.631	0.350	0.259	0.311	0.246	0.187	0.105	16
17	0.028	0.086	0.082	0.115	0.394	0.654	0.292	0.279	0.298	0.246	0.187	0.114	17
18	0.065	0.097	0.082	0.123	0.379	0.631	0.327	0.236	0.298	0.253	0.177	0.119	18
19	0.054	0.104	0.079	0.127	0.402	0.373	0.350	0.236	0.327	0.266	0.167	0.128	19
20	0.057	0.112	0.079	0.115	0.394	0.342	0.388	0.311	0.327	0.266	0.152	0.069	20
21	0.059	0.089	0.076	0.131	0.416	0.365	0.350	0.311	0.319	0.272	0.137	0.052	21
22	0.068	0.089	0.086	0.179	0.491	0.334	0.350	0.298	0.342	0.285	0.137	0.059	22
23	0.074	0.089	0.082	0.179	0.416	0.292	0.311	0.279	0.357	0.285	0.128	0.086	23
24	0.074	0.086	0.082	0.236	0.394	0.350	0.327	0.259	0.350	0.292	0.119	0.114	24
25	0.074	0.123	0.082	0.204	0.365	0.388	0.365	0.246	0.365	0.292	0.119	0.105B	25
26	0.074	0.104	0.089	0.184	0.482	0.342	0.350	0.292	0.373	0.292	0.119	0.099B	26
27	0.068	0.093	0.089	0.155	0.900	0.327	0.311	0.272	0.373	0.236	0.119	0.093B	27
28	0.068	0.089	0.097	0.159	1.65	0.327	0.285	0.311	0.373	0.182	0.119	0.091B	28
29	0.068		0.104	0.210	0.928	0.327	0.279	0.350	0.350	0.193	0.119	0.091B	29
30	0.068		0.104	0.255	0.677	0.327	0.311	0.365	0.311	0.193	0.119	0.088B	30
31	0.068		0.089		0.525		0.285	0.365		0.193		0.085B	31
TOTAL	2.442	1.864	2.632	3.731	13.709	14.902	10.268	8.485	10.055	8.100	4.731	3.380	TOTAL
MEAN	0.079	0.067	0.085	0.124	0.442	0.497	0.331	0.274	0.335	0.261	0.158	0.109	MEAN
MAX	0.155	0.123	0.104	0.255	1.65	0.741	0.405	0.365	0.388	0.365	0.193	0.142	MAX
MIN	0.028	0.028	0.074	0.076	0.255	0.292	0.279	0.219	0.292	0.182	0.119	0.052	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.231
MAXIMUM DAILY, 1.65 ON MAY 28
MINIMUM DAILY, 0.028 ON JAN 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 44 33 N
LONG 119 45 52 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	211	JUL	887
FEB	161	AUG	733
MAR	227	SEP	869
APR	322	OCT	700
MAY	1 180	NOV	409
JUN	1 290	DEC	292

TOTAL DISCHARGE, 7 280 dam³

PEACHLAND LAKE RESERVOIR OUTFLOW - STATION NO. 08NM202

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0.665E	0.266	0.261	0.373	0.215	---	---	1
2	---	---	---	0	0	0.637E	0.263	0.260	0.373	0.215	---	---	2
3	---	---	---	0	0	0.609E	0.275	0.261	0.379	0.215	---	---	3
4	---	---	---	0	0	0.566E	0.284	0.258	0.375	0.211	---	---	4
5	---	---	---	0	0	0.537	0.280	0.260	0.380	0.215A	---	---	5
6	---	---	---	0	0	0.531	0.275	0.282	0.380	---	---	---	6
7	---	---	---	0	0	0.544	0.275	0.371	0.373	---	---	---	7
8	---	---	---	0	0	0.541	0.273	0.364	0.373	---	---	---	8
9	---	---	---	0	0	0.538	0.276	0.361	0.373	---	---	---	9
10	---	---	---	0	0	0.540	0.271	0.356	0.372	---	---	---	10
11	---	---	---	0	0	0.527	0.227	0.361	0.374	---	---	---	11
12	---	---	---	0	0	0.232	0.265	0.366	0.372	---	---	---	12
13	---	---	---	0	0	0.080	0.270	0.364	0.374	---	---	---	13
14	---	---	---	0	0	0.078	0.274	0.366	0.375	---	---	---	14
15	---	---	---	0	0	0.416	0.276	0.368	0.374	---	---	---	15
16	---	---	---	0	0	0.562	0.275	0.369	0.377	---	---	---	16
17	---	---	---	0	0	0.566	0.276	0.363	0.371	---	---	---	17
18	---	---	---	0	0	0.334	0.238	0.372	0.366	---	---	---	18
19	---	---	---	0	0	0.086	0.232E	0.371	0.371	---	---	---	19
20	---	---	---	0	0	0.085	0.241E	0.297	0.377	---	---	---	20
21	---	---	---	0	0	0.086	0.255E	0.363	0.383	---	---	---	21
22	---	---	---	0	0	0.195	0.266E	0.368	0.380	---	---	---	22
23	---	---	---	0	0	0.252	0.272E	0.367	0.377	---	---	---	23
24	---	---	---	0	0	0.252	0.278E	0.369	0.379	---	---	---	24
25	---	---	---	0	0	0.261	0.283E	0.371	0.382	---	---	---	25
26	---	---	---	0	0	0.256	0.283E	0.373	0.383	---	---	---	26
27	---	---	---	0	0	0.254	0.280E	0.380	0.379	---	---	---	27
28	---	---	---	0	1.42 E	0.257	0.275A	0.373	0.382	---	---	---	28
29	---		---	0	0.850E	0.263	0.263	0.334	0.276	---	---	---	29
30	---		---	0	0.765E	0.263	0.259	0.380	0.214	---	---	---	30
31	---		---		0.694E		0.262	0.375		---		---	31
TOTAL	---	---	---	0	3.729	11.013	8.288	10.684	11.017	---	---	---	TOTAL
MEAN	---	---	---	0	0.120	0.367	0.267	0.345	0.367	---	---	---	MEAN
MAX	---	---	---	0	1.42	0.665	0.284	0.380	0.383	---	---	---	MAX
MIN	---	---	---	0	0	0.078	0.227	0.258	0.214	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 55 N
LONG 119 57 53 W
DRAINAGE AREA, 80.3 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	716
FEB	---	AUG	923
MAR	---	SEP	952
APR	0	OCT	---
MAY	322	NOV	---
JUN	952	DEC	---

PEARSON CREEK NEAR THE MOUTH - STATION NO. 08NM172

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.195B	0.144B	0.187E	0.224	2.35	4.90	4.11	0.898	0.597	0.402	0.646A	0.309A	1
2	0.178B	0.139B	0.190E	0.210	2.20	4.56	1.96	0.835	0.487	0.574	0.770A	0.292A	2
3	0.167B	0.136B	0.187E	0.195	1.77	4.22A	1.73	1.06	0.359	0.614	0.719A	0.337A	3
4	0.161B	0.133B	0.178E	0.195E	1.62	4.22A	1.70	0.912	0.346	0.450	0.671A	0.385A	4
5	0.173B	0.130B	0.170E	0.193E	1.52	5.15	1.68	0.787	0.299	0.420	0.603A	0.314A	5
6	0.176B	0.130B	0.173E	0.198E	1.42	6.97	1.66	0.716	0.269	0.383	0.510A	0.283A	6
7	0.164B	0.136B	0.173E	0.201E	1.35	4.56	1.85	0.657	0.241	0.511	0.493A	0.266A	7
8	0.150B	0.130B	0.181E	0.195E	1.27	4.02	2.10	0.612	0.216	0.746	0.487A	0.263A	8
9	0.153B	0.113B	0.190E	0.193E	1.33	5.78	2.24	0.566	0.203	0.694	0.462A	0.283A	9
10	0.159B	0.102B	0.195E	0.195E	1.41	6.29	3.00	0.518	0.195	0.591	0.439A	0.269A	10
11	0.156B	0.119B	0.187E	0.198E	1.59	5.92	2.52	0.479	0.181	0.519	0.436A	0.215B	11
12	0.153B	0.136B	0.187E	0.190E	1.97	4.84	1.74	0.445	0.175	0.462	0.445A	0.181B	12
13	0.133B	0.156B	0.190E	0.221E	2.06	6.31	2.59	0.408	0.169	0.438	0.549A	0.167B	13
14	0.122B	0.176B	0.195E	0.278E	2.15	5.27	2.59	0.388	0.161	0.417	0.487A	0.173B	14
15	0.116B	0.190B	0.190E	0.320E	2.54	4.62	1.80	0.368	0.153	0.443	0.450A	0.178B	15
16	0.116B	0.193E	0.187E	0.323E	2.52	4.67	1.81	0.354	0.149	0.443	0.422A	0.173B	16
17	0.122B	0.193E	0.184E	0.343E	2.57	3.51	1.68	0.445	0.140	0.435	0.425A	0.170B	17
18	0.127B	0.195E	0.181E	0.496E	3.14	3.57	1.62	0.365	0.156	0.405	0.402A	0.181B	18
19	0.142B	0.193E	0.178E	0.524E	4.22	4.53	1.55	0.326	0.585	0.398	0.394A	0.195B	19
20	0.161B	0.195E	0.176A	0.530E	4.98	4.02	1.46	0.345	0.420	0.368	0.377A	0.173B	20
21	0.170B	0.198E	0.170	0.566E	7.42	3.65A	1.56	0.374	0.427	0.303A	0.382A	0.150B	21
22	0.173B	0.193E	0.167	1.25 E	5.86	3.31E	1.24	0.311	0.385	0.323A	0.377A	0.127B	22
23	0.176B	0.190E	0.164	2.69 E	5.83	2.97E	1.26	0.275	0.355	0.348A	0.360A	0.136B	23
24	0.170B	0.184E	0.156	2.36 A	5.83	2.65A	1.54	0.244	0.348	0.365A	0.351A	0.142B	24
25	0.159B	0.181E	0.176	1.45	6.91	3.00	1.34	0.229	0.386	0.416A	0.297A	0.139B	25
26	0.142B	0.178E	0.190	1.17	10.6	3.14	1.14	0.215A	0.350	0.411A	0.331A	0.133B	26
27	0.142B	0.178E	0.184	1.04	7.93	2.89	1.03	0.206	0.342	0.498A	0.300A	0.130B	27
28	0.150B	0.181E	0.184	0.994	6.68	2.38	0.977	0.199	0.404	0.541A	0.280A	0.136B	28
29	0.159B		0.241	1.05	6.46	2.38	0.974	0.304	0.481	0.787A	0.300A	0.122B	29
30	0.156B		0.244	1.54	7.28	2.83	1.01	0.353	0.456	0.620A	0.314A	0.110B	30
31	0.153B		0.221		6.43		0.883	0.310		0.518A		0.102B	31
TOTAL	4.774	4.522	5.776	19.532	121.21	127.13	54.348	14.504	9.435	14.793	13.479	6.234	TOTAL
MEAN	0.154	0.162	0.186	0.651	3.91	4.24	1.75	0.468	0.315	0.477	0.449	0.201	MEAN
MAX	0.195	0.198	0.244	2.69	10.6	6.97	4.11	1.06	0.597	0.787	0.770	0.385	MAX
MIN	0.116	0.102	0.156	0.190	1.27	2.38	0.883	0.199	0.140	0.303	0.280	0.102	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 10.6 ON MAY 26
MINIMUM DAILY, 0.102B ON FEB 10
MAXIMUM INSTANTANEOUS,
15.5 AT 23:45 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 13 N
LONG 119 03 42 W
DRAINAGE AREA, 73.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	412	JUL	4 700
FEB	391	AUG	1 250
MAR	499	SEP	815
APR	1 690	OCT	1 280
MAY	10 500	NOV	1 160
JUN	11 000	DEC	539

TOTAL DISCHARGE, 34 200 dam³

PEND D'OREILLE RIVER BELOW INTERNATIONAL BOUNDARY - STATION NO. 08NE119

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	7.154	---	---	---	---	---	1
2	---	---	---	---	6.584	---	---	3.569	5.127	4.307	---	4.694	2
3	3.097	6.751	5.054	5.215	---	9.479	---	---	---	---	---	---	3
4	---	---	---	---	---	---	7.330	3.996	---	---	4.453	---	4
5	---	---	---	---	---	---	---	---	4.846	---	---	5.270	5
6	---	---	---	---	6.968	8.900	---	---	---	6.742	5.136	---	6
7	---	6.727	6.943	4.779	---	---	---	5.410	---	---	---	---	7
8	5.590	---	---	---	---	---	7.288	---	---	---	---	---	8
9	---	---	---	---	7.087	---	---	---	---	6.276	---	4.435	9
10	4.045	6.660	---	5.185	---	9.351	7.355	---	6.355	---	4.383	---	10
11	---	---	6.913	---	---	---	---	5.044	---	---	---	---	11
12	---	---	---	---	---	9.165	---	---	4.657	---	---	4.459	12
13	4.581	---	6.919	---	7.026	---	---	---	---	---	5.502	---	13
14	---	---	---	---	7.035	---	---	5.075	---	6.635	---	---	14
15	---	---	---	4.746	---	---	5.157	---	---	---	---	---	15
16	4.343	---	---	---	7.102	---	---	---	---	---	---	5.127	16
17	---	6.843	---	---	---	6.892	---	---	3.972	6.648	3.356	---	17
18	---	---	6.224	6.108	---	---	6.535	---	---	---	---	---	18
19	---	---	---	---	6.898	8.348	---	5.297	---	6.562	3.405	4.974	19
20	3.021	---	---	---	---	---	---	---	4.889	---	---	---	20
21	---	2.344	---	4.795	---	---	---	---	---	---	5.532	---	21
22	---	---	6.782	---	---	---	5.788	6.328	---	---	---	---	22
23	---	---	---	---	8.775	9.278	---	---	5.727	---	---	5.374	23
24	4.795	4.252	---	6.629	---	---	---	---	---	5.938	5.304	---	24
25	---	---	6.504	---	---	---	5.672	---	3.328	---	---	---	25
26	---	---	---	---	9.680	8.995	---	4.980	---	---	---	5.489	26
27	5.724	5.776	6.730	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	4.910	5.721	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	5.770	---	---	---	5.621	---	---	---	5.358	30
31	5.227		4.033		9.748	---	4.450	---	3.136	4.334	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 00 53 N
LONG 117 22 04 W

REGULATED SINCE 1938

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PEND OREILLE RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	219	654	804	575	917	2 940	1 500	396	239	408	767	450	1
2	257	722	770	674	954	2 920	1 360	462	213	513	793	416	2
3	214	719	821	680	1 040	2 810	1 300	447	209	651	855	430	3
4	174	748	898	719	1 030	2 510	1 210	428	244	614	889	453	4
5	273	750	855	694	1 040	2 350	1 260	411	214	722	903	470	5
6	145	762	883	674	1 040	2 340	1 430	377	237	750	864	447	6
7	328	756	867	555	1 040	2 350	1 400	419	226	705	801	484	7
8	504	688	827	569	1 060	2 520	1 330	357	275	765	770	484	8
9	631	776	847	507	1 120	2 730	1 370	402	357	697	807	496	9
10	705	748	855	600	1 130	2 680	1 400	343	467	767	875	510	10
11	643	733	875	589	1 120	2 680	1 350	374	493	722	830	501	11
12	651	716	881	575	1 100	2 550	1 340	362	473	648	883	479	12
13	719	759	900	572	1 090	2 470	1 220	368	445	728	810	456	13
14	790	835	784	586	1 100	2 340	949	357	484	759	745	470	14
15	716	830	722	564	1 130	2 050	881	371	462	818	753	481	15
16	694	816	813	538	1 140	1 930	719	314	402	787	614	476	16
17	580	821	844	626	1 140	2 050	776	340	371	779	564	476	17
18	558	824	850	609	1 300	2 040	858	345	354	759	524	430	18
19	572	697	835	549	1 110	2 090	909	309	334	759	501	360	19
20	555	515	878	583	1 200	2 160	906	297	340	745	595	374	20
21	515	490	850	572	1 460	2 340	776	320	456	753	470	530	21
22	552	575	841	719	1 740	2 540	742	283	481	739	436	456	22
23	637	595	818	770	2 150	2 620	668	141	569	623	470	422	23
24	623	708	830	855	2 460	2 720	646	297	555	691	493	413	24
25	714	728	830	915	2 690	2 670	552	262	481	799	603	439	25
26	736	861	827	920	2 860	2 370	470	240	351	824	481	408	26
27	680	833	750	937	2 970	2 190	597	289	331	852	504	399	27
28	691	833	663	915	2 970	1 960	640	309	351	864	484	515	28
29	728		549	898	3 000	1 880	617	220	331	900	374	399	29
30	745		631	906	3 000	1 730	586	206	331	838	490	439	30
31	631		623		3 000		597	266		759		413	31
TOTAL	17 180	20 492	25 021	20 445	50 181	71 530	30 359	10 312	11 076	22 738	19 948	13 976	TOTAL
MEAN	554	732	807	682	1 620	2 380	979	333	369	733	665	451	MEAN
MAX	790	861	900	937	3 000	2 940	1 500	462	569	900	903	530	MAX
MIN	145	490	549	507	917	1 730	470	141	209	408	374	360	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 858
MAXIMUM DAILY, 3 000 ON MAY 29
MINIMUM DAILY, 141 ON AUG 23
MAXIMUM INSTANTANEOUS,
3 170 AT 20:00 PST ON MAY 30

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 56 N
LONG 117 21 09 W
DRAINAGE AREA, 65 300 km²

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 480 000	JUL	2 620 000
FEB	1 770 000	AUG	891 000
MAR	2 160 000	SEP	957 000
APR	1 770 000	OCT	1 960 000
MAY	4 330 000	NOV	1 720 000
JUN	6 180 000	DEC	1 210 000

TOTAL DISCHARGE, 27 000 000 dam³

PENNASK CREEK NEAR QUILCHENA - STATION NO. 08LG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.127B	0.159B	0.173B	0.198B	0.850E	3.79	1.03	0.671	0.391	0.272E	0.379E	0.280B	1
2	0.125B	0.139B	0.178B	0.184B	1.33 E	3.45	0.923	0.688	0.481	0.278E	0.368E	0.266B	2
3	0.119B	0.133B	0.164B	0.173B	1.30 E	3.14	0.821	1.14	0.399	0.263E	0.357E	0.252B	3
4	0.116B	0.127B	0.156B	0.170B	1.22 E	3.06	0.750	1.30	0.357	0.255E	0.348A	0.258B	4
5	0.116B	0.127B	0.150B	0.187B	1.13 E	2.78	0.694	0.929	0.337	0.289E	0.286	0.266B	5
6	0.116B	0.125B	0.147B	0.207B	1.06 E	3.00	0.663	0.762	0.317	0.328E	0.280B	0.266B	6
7	0.113B	0.125B	0.164B	0.204B	0.977E	2.54	0.762	0.668	0.294	0.360E	0.274	0.266B	7
8	0.116B	0.127B	0.176B	0.198B	0.991E	2.33	1.16	0.597	0.269	0.374E	0.247	0.263B	8
9	0.116B	0.119B	0.184B	0.227B	1.19 E	2.89	1.18	0.549	0.238	0.354E	0.249	0.261B	9
10	0.119B	0.099B	0.190B	0.218B	1.27 E	2.92	1.29	0.498	0.221	0.334E	0.234	0.266B	10
11	0.119B	0.099B	0.190B	0.204B	1.36 E	2.86	1.28	0.456	0.207	0.320E	0.239	0.263B	11
12	0.119B	0.102B	0.184B	0.198B	1.47 E	2.28	1.01	0.419	0.201	0.306E	0.338	0.252B	12
13	0.119B	0.127B	0.184B	0.227B	1.76 E	2.47	1.27	0.394	0.181	0.317E	0.362	0.252B	13
14	0.116B	0.147B	0.187B	0.246B	1.98 E	2.86	2.13	0.371	0.181	0.323E	0.325	0.258B	14
15	0.119B	0.161B	0.187B	0.266B	2.45 A	2.41	1.70	0.453	0.173	0.334E	0.295	0.263B	15
16	0.136B	0.176B	0.170B	0.252B	2.22	2.01	1.67	0.422	0.170A	0.345E	0.293	0.258B	16
17	0.153B	0.184B	0.150B	0.272B	2.46	1.80	1.46	0.595	0.184E	0.348E	0.289B	0.261B	17
18	0.161B	0.187B	0.147B	0.300B	3.06	1.70	1.64	0.501	0.227E	0.345E	0.286B	0.266B	18
19	0.164B	0.187B	0.164B	0.323B	4.19	1.99	2.00	0.462	0.283E	0.337E	0.283B	0.272B	19
20	0.170B	0.178B	0.181B	0.306B	4.81	1.78	1.71	0.665	0.261E	0.323E	0.278B	0.266B	20
21	0.176B	0.167B	0.190B	0.292B	8.30	1.52	1.35	0.564	0.246E	0.311E	0.275B	0.258B	21
22	0.181B	0.167B	0.181B	0.306B	7.33	1.52	1.16	0.450	0.249E	0.300E	0.272B	0.249B	22
23	0.187B	0.170B	0.176B	0.334B	6.68	1.44	1.04	0.399	0.275E	0.306E	0.269B	0.244B	23
24	0.184B	0.167B	0.181B	0.354B	7.11	1.30	1.18	0.357	0.255E	0.331E	0.263B	0.246B	24
25	0.181B	0.159B	0.198B	0.294B	8.16	1.17	1.24	0.317	0.227E	0.314E	0.261B	0.252B	25
26	0.176B	0.159B	0.193B	0.311B	8.58	1.08	1.02	0.294	0.221E	0.311E	0.266B	0.252B	26
27	0.170B	0.161B	0.181B	0.368B	5.97	1.01	0.889	0.286	0.238E	0.320E	0.272B	0.249B	27
28	0.173B	0.167B	0.193B	0.419B	4.87	1.00	0.779	0.278	0.229E	0.314E	0.263B	0.244B	28
29	0.176B		0.204B	0.510B	4.50	0.932	0.736	0.278	0.238E	0.303E	0.255B	0.238B	29
30	0.178B		0.210B	0.566B	4.84	0.932	0.750	0.351	0.252E	0.294E	0.261B	0.229B	30
31	0.181B		0.190B		4.45		0.719	0.354		0.326E		0.218B	31
TOTAL	4.522	4.145	5.523	8.314	107.868	63.964	36.006	16.468	7.802	9.835	8.667	7.934	TOTAL
MEAN	0.146	0.148	0.178	0.277	3.48	2.13	1.16	0.531	0.260	0.317	0.289	0.256	MEAN
MAX	0.187	0.187	0.210	0.566	8.58	3.79	2.13	1.30	0.481	0.374	0.379	0.280	MAX
MIN	0.113	0.099	0.147	0.170	0.850	0.932	0.663	0.278	0.170	0.255	0.234	0.218	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.770
MAXIMUM DAILY, 8.58 ON MAY 26
MINIMUM DAILY, 0.099B ON FEB 10
MAXIMUM INSTANTANEOUS,
12.0 AT 03:05 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 27 N
LONG 120 08 05 W
DRAINAGE AREA, 87.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	391	JUL 3	110
FEB	358	AUG 1	420
MAR	477	SEP	674
APR	718	OCT	850
MAY 9	320	NOV	749
JUN 5	530	DEC	685

TOTAL DISCHARGE, 24 300 dam³

PENTICTON CREEK ABOVE DENNIS CREEK - STATION NO. 08NM168

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.122	0.127	0.014	0.003	0.258	0.711	1.09	0.640	0.955	0.353	0.190	0.185	1
2	0.122	0.127	0.020	0.004	0.139	2.01	1.06	0.586	0.940	0.355	0.190	0.185	2
3	0.122	0.127	0.010	0.002	0.091	2.30	1.03	0.564	0.940	0.346	0.187	0.186	3
4	0.119	0.127	0.005	0.001	0.057	2.29	1.02	0.821	0.945	0.347	0.187	0.188	4
5	0.119	0.127	0.004	0.001	0.040	2.32	0.960	0.881	0.933	0.353	0.188	0.189	5
6	0.116	0.127	0.003	0.002	0.040	2.36	0.951	0.793	0.928	0.363	0.189	0.184	6
7	0.116	0.127	0.004	0.002	0.034	2.35	1.07	0.725	0.914	0.367	0.184	0.185	7
8	0.116	0.127	0.005	0.002	0.071	2.34	1.18	0.665	0.909	0.358	0.182	0.184	8
9	0.119	0.127	0.015	0.002	0.110	1.76	1.19	0.612	0.906	0.363	0.187	0.185	9
10	0.119	0.125	0.011	0.003	0.105	1.44	1.18	0.753	0.908	0.365	0.189	0.184	10
11	0.116	0.125	0.005	0.002	0.096	1.63	1.16	0.776	0.901	0.363	0.187	0.182	11
12	0.116	0.125	0.004	0.002	0.099	1.68	1.13	0.937	0.911	0.363	0.186	0.181	12
13	0.116	0.127	0.006	0.002	0.102	1.70	1.14	1.02	0.910	0.362	0.186	0.178	13
14	0.119	0.125	0.008	0.002	0.142	1.71	1.16	1.04 A	0.915	0.356	0.191	0.178	14
15	0.119	0.125	0.007	0.005	0.136	1.06	1.13	0.957	0.913	0.356	0.190	0.174	15
16	0.122	0.122	0.006	0.006	0.119	0.793	1.12	0.956	0.914	0.357	0.190	0.175	16
17	0.125	0.125	0.004	0.005	0.167	0.779	1.10	0.940	0.928	0.355	0.188	0.175	17
18	0.122	0.122	0.005	0.008	0.178	0.297	1.08	0.957	0.754	0.358	0.186	0.174	18
19	0.125	0.125	0.010	0.015	0.195	0.085	1.03	0.962	0.642	0.359	0.187	0.177	19
20	0.125	0.068	0.007	0.026	0.167	0.085	0.963	0.956	0.636	0.360	0.191	0.178	20
21	0.125	0.001	0.009	0.024	0.173	0.173	0.929	0.957	0.629	0.354	0.189	0.175	21
22	0.130	0.002	0.007	0.031	0.110	0.303	0.878	0.961	0.619	0.355	0.186	0.174	22
23	0.130	0.002	0.008	0.110	0.093	0.456	0.861	0.957	0.618	0.348	0.187	0.176	23
24	0.133	0.002	0.018	0.252	0.110	0.578	0.929	0.962	0.491	0.349	0.188	0.174	24
25	0.127	0.003	0.009	0.133	0.252	0.680	0.906	0.955	0.339	0.357	0.187	0.175	25
26	0.127	0.003	0.005	0.076	0.136	0.745	0.861	0.956	0.343	0.354	0.190	0.172	26
27	0.127	0.003	0.004	0.074	0.082	0.801	0.816	0.972	0.340	0.356	0.189	0.172	27
28	0.130	0.007	0.002	0.040	0.059	0.821	0.759	0.959	0.345	0.370	0.187	0.168	28
29	0.127		0.003	0.068	0.054	0.838	0.716	0.962	0.347	0.303	0.187	0.169	29
30	0.125		0.002	0.238	0.110	0.883	0.674	0.962	0.346	0.185	0.186	0.168	30
31	0.125		0.001		0.096		0.663	0.937		0.185		0.164	31
TOTAL	3.801	2.480	0.221	1.141	3.619	35.978	30.736	27.081	22.119	10.675	5.631	5.514	TOTAL
MEAN	0.123	0.089	0.007	0.038	0.117	1.20	0.991	0.874	0.737	0.344	0.188	0.178	MEAN
MAX	0.133	0.127	0.020	0.252	0.252	2.36	1.19	1.04	0.955	0.370	0.191	0.189	MAX
MIN	0.116	0.001	0.001	0.001	0.034	0.085	0.663	0.564	0.339	0.185	0.182	0.164	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.408
MAXIMUM DAILY, 2.36 ON JUN 6
MINIMUM DAILY, 0.001 ON FEB 21
MAXIMUM INSTANTANEOUS,
2.53 AT 06:59 PST ON JUN 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 55 N
LONG 119 25 23 W
DRAINAGE AREA, 35.5 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	328	JUL 2	660
FEB	214	AUG 2	340
MAR	19.1	SEP 1	910
APR	98.6	OCT	922
MAY	313	NOV	487
JUN 3	110	DEC	476

TOTAL DISCHARGE, 12 900 dam³

PENTICTON CREEK BELOW HARRIS CREEK - STATION NO. 08NM170

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.300	0.204	0.108	0.244	3.03	6.20	2.62	1.29	1.11	0.583E	0.966E	0.369	1
2	0.294	0.190B	0.105	0.249	3.28	6.65	2.71	1.23	1.19	0.629E	0.929E	0.378	2
3	0.278	0.235B	0.113	0.249	2.53	7.02	2.58	1.19	1.18	0.620E	0.886A	0.332	3
4	0.252	0.263B	0.133	0.224	2.09	7.22	2.29	1.16	1.13	0.623E	0.745E	0.381	4
5	0.246	0.275	0.142	0.229	1.82	7.05	2.04	1.15	1.09	0.637E	0.606A	0.366	5
6	0.244	0.283	0.122	0.229	1.82	8.10	1.93	1.16	1.07	0.646E	0.560	0.357	6
7	0.235	0.246	0.133	0.215	1.74	7.65	2.06	1.14	1.03	0.640E	0.541	0.347	7
8	0.235	0.201B	0.122	0.210	1.70	7.08	2.50	1.09	0.994	0.643E	0.495	0.342	8
9	0.246	0.176B	0.125	0.210	1.82	7.36	3.31	1.01	0.988	0.657E	0.470	0.347	9
10	0.241	0.153B	0.119	0.190	2.14	8.04	3.96	0.960	0.940	0.654E	0.459	0.373	10
11	0.229	0.167B	0.122	0.190	2.26	8.69	4.42	0.949	0.940	0.654E	0.469	0.289B	11
12	0.235	0.181B	0.127	0.181	2.38	7.22	3.82	0.957	0.943	0.657E	0.744	0.235B	12
13	0.244	0.187B	0.133	0.170	2.59	6.31	3.09	0.997	0.932	0.654E	0.710	0.261B	13
14	0.218	0.198B	0.147	0.164	2.80	6.54	3.45	1.03	0.957A	0.651E	0.644	0.280B	14
15	0.187	0.212	0.150	0.207	4.05	6.09	3.14	1.03	0.937	0.651E	0.544	0.263B	15
16	0.190	0.218	0.195	0.286	4.36	5.32	2.89	1.05	0.935	0.657E	0.527	0.286B	16
17	0.215	0.235	0.190	0.360	4.39	4.81	2.83	1.05	0.933	0.654E	0.489	0.314B	17
18	0.221	0.224	0.167	0.467	4.87	3.88	2.68	1.08	0.838	0.651E	0.486	0.349	18
19	0.221	0.238	0.147	0.626	6.06	3.96	2.61	1.05	0.836	0.651E	0.460	0.344	19
20	0.215	0.244	0.147	0.796	7.65	4.16	2.38	1.07	0.811	0.654E	0.437	0.321	20
21	0.212	0.139	0.144	0.756	9.03	3.65	2.13	1.06	0.783	0.657E	0.469	0.289B	21
22	0.227	0.113	0.150	0.804	7.84	3.26	1.94	1.04	0.784A	0.660E	0.451	0.272B	22
23	0.343	0.108	0.156	1.42	7.42	3.26	1.80	1.03	0.776E	0.660E	0.429	0.283B	23
24	0.459	0.105	0.147	3.28	7.33	3.11	2.30	1.02	0.765E	0.663E	0.407	0.323B	24
25	0.456	0.125	0.156	2.61	9.71	2.97	2.38	1.00	0.711E	0.663E	0.378	0.315	25
26	0.382	0.133	0.187	1.99	10.8	2.86	2.02	0.991	0.674E	0.668E	0.409	0.301	26
27	0.292	0.130	0.195	1.79	8.16	2.76	1.75	0.991	0.629E	0.731E	0.383	0.298B	27
28	0.294	0.119	0.201	1.54	6.88	2.63	1.59	0.974	0.592E	1.00 E	0.344	0.292	28
29	0.289		0.227	1.49	6.31	2.50	1.49	0.974	0.586E	1.01 E	0.378	0.289	29
30	0.261		0.252	1.88	7.05	2.38	1.43	1.04	0.583E	1.01 E	0.364	0.283A	30
31	0.252		0.235		7.76		1.34	1.06		1.00 E		0.280E	31
TOTAL	8.213	5.302	4.797	23.256	151.67	158.73	77.48	32.823	26.667	21.588	16.179	9.755	TOTAL
MEAN	0.265	0.189	0.155	0.775	4.89	5.29	2.50	1.06	0.889	0.696	0.539	0.315	MEAN
MAX	0.459	0.283	0.252	3.28	10.8	8.69	4.42	1.29	1.19	1.01	0.966	0.381	MAX
MIN	0.187	0.105	0.105	0.164	1.70	2.38	1.34	0.949	0.583	0.583	0.344	0.235	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 10.8 ON MAY 26
MINIMUM DAILY, 0.105 ON FEB 24
MAXIMUM INSTANTANEOUS,
12.7 AT 03:05 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 06 N
LONG 119 31 18 W
DRAINAGE AREA, 153 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	710	JUL 6	690
FEB	458	AUG 2	840
MAR	414	SEP 2	300
APR	2 010	OCT 1	870
MAY	13 100	NOV 1	400
JUN	13 700	DEC	843

TOTAL DISCHARGE, 46 300 dam³

PETERSON CREEK ABOVE JACKO CREEK - STATION NO. 08LE102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.074E	0.071	0.021	0.021	0	---	---	---	1
2	---	---	---	---	0.074E	0.073	0.010	0.018	0	---	---	---	2
3	---	---	---	---	0.074E	0.072	0.007	0.014	0	---	---	---	3
4	---	---	---	---	0.074E	0.066	0.003	0.012	0	---	---	---	4
5	---	---	---	---	0.074A	0.060	0.001	0.009	0	---	---	---	5
6	---	---	---	---	0.067	0.055	0.001	0	0	---	---	---	6
7	---	---	---	---	0.052	0.049	0.004	0	0	---	---	---	7
8	---	---	---	---	0.047	0.056	0.007	0	0	---	---	---	8
9	---	---	---	---	0.044	0.069	0.007	0	0	---	---	---	9
10	---	---	---	---	0.046	0.058	0.007	0	0	---	---	---	10
11	---	---	---	---	0.054	0.046	0.017	0	0	---	---	---	11
12	---	---	---	---	0.056	0.041	0.012	0	0	---	---	---	12
13	---	---	---	---	0.058	0.048	0.009	0	0	---	---	---	13
14	---	---	---	---	0.063	0.051	0.010	0	0	---	---	---	14
15	---	---	---	---	0.089	0.050	0.011	0	0	---	---	---	15
16	---	---	---	---	0.122	0.045	0.027	0	0	---	---	---	16
17	---	---	---	---	0.144	0.043	0.023	0	0	---	---	---	17
18	---	---	---	---	0.144	0.044	0.019	0	0	---	---	---	18
19	---	---	---	---	0.147	0.048	0.017	0	0	---	---	---	19
20	---	---	---	---	0.170	0.042	0.029	0	0	---	---	---	20
21	---	---	---	---	0.209	0.053	0.047	0	0	---	---	---	21
22	---	---	---	---	0.322	0.068	0.032	0	0	---	---	---	22
23	---	---	---	---	0.298	0.054	0.025	0	0	---	---	---	23
24	---	---	---	---	0.220	0.041	0.019	0	0	---	---	---	24
25	---	---	---	---	0.201	0.033	0.014	0	0	---	---	---	25
26	---	---	---	---	0.184	0.058	0.018	0	0	---	---	---	26
27	---	---	---	---	0.166	0.047	0.009	0	0	---	---	---	27
28	---	---	---	---	0.149	0.033	0.008	0	0	---	---	---	28
29	---		---	---	0.130	0.076	0.008	0	0	---	---	---	29
30	---		---	---	0.111	0.031	0.011	0	0	---	---	---	30
31	---		---	---	0.079		0.016	0		---	---	---	31
TOTAL	---	---	---	---	3.742	1.581	0.449	0.074	0	---	---	---	TOTAL
MEAN	---	---	---	---	0.121	0.053	0.014	0.002	0	---	---	---	MEAN
MAX	---	---	---	---	0.322	0.076	0.047	0.021	0	---	---	---	MAX
MIN	---	---	---	---	0.044	0.031	0.001	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.322 ON MAY 22
MINIMUM DAILY, 0 ON AUG 6
MAXIMUM INSTANTANEOUS,
0.396 AT 15:58 PST ON MAY 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 16 N
LONG 120 26 45 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	38.8
FEB	---	AUG	6.39
MAR	---	SEP	0
APR	---	OCT	---
MAY	323	NOV	---
JUN	137	DEC	---

PINE RIVER AT EAST PINE - STATION NO. 07FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	60.0B	54.2B	63.2B	62.2B	213E	1 180E	251E	149 E	60.0E	54.0E	105 B	67.8B	1
2	59.5B	53.5B	62.2B	61.8B	231E	1 020E	242E	136 E	57.3E	99.0E	175 B	68.0B	2
3	59.5B	53.0B	61.0B	62.0B	227E	920E	253E	124 E	60.0E	96.0E	163 B	67.8B	3
4	59.5B	52.0B	60.0B	62.5B	219E	820E	270E	119 E	66.0E	86.0E	151 B	64.0B	4
5	58.5B	51.0B	59.7B	63.0B	229E	745E	249A	116 E	70.2E	77.0E	156 B	59.0B	5
6	57.0B	50.5B	60.2B	63.6B	245E	685E	209	114 E	61.0E	71.0E	152 B	55.0B	6
7	55.5B	50.0B	62.0B	64.0B	270E	605E	186	112 E	54.5E	67.5E	143 B	49.0B	7
8	53.5B	50.0B	63.5B	63.8B	340E	550E	169	112 E	54.5E	63.0E	138 B	45.0B	8
9	53.5B	50.0B	65.3B	62.5B	400E	500E	150	109 E	57.5E	60.0E	130 B	42.6B	9
10	54.0B	51.0B	67.5B	61.8B	498E	450E	136	107 E	64.0E	59.8E	141 B	40.8B	10
11	54.3B	52.0B	69.5B	61.2B	465E	400E	127	106 E	65.5E	59.3E	152 B	38.5B	11
12	54.0B	54.5B	70.0B	60.5B	540E	420E	123	106 E	65.8E	58.0E	156 B	37.0B	12
13	53.0B	56.5B	71.0B	60.2B	640E	453E	133	104 E	65.5E	56.0E	183 B	36.3B	13
14	51.3B	59.5B	71.0B	60.2B	745E	450E	152	99.5E	62.0E	52.7E	172 B	36.0B	14
15	50.0B	62.5B	70.0B	60.5B	820E	445E	161	95.0E	52.0E	51.0E	158 B	36.3B	15
16	49.5B	64.0B	69.0B	61.3B	780E	438E	149	91.0E	47.3E	57.0E	142 B	37.8B	16
17	49.5B	64.7B	66.3B	63.0B	778E	433E	136	85.0E	45.0E	68.0E	127 B	41.0B	17
18	49.8B	64.8B	63.5B	66.0B	860E	385E	134	81.0E	45.0E	74.0E	109 B	43.8B	18
19	50.3B	65.0B	61.8B	71.0E	960E	355E	137A	78.0E	48.0E	76.0A	96.0B	46.0B	19
20	52.0B	65.5B	60.7B	88.0E	1 070E	325E	144A	74.0E	52.3E	76.0	94.0B	47.0B	20
21	54.4B	65.0B	60.7B	105 E	1 220A	300E	165E	71.5E	52.9E	75.3	92.0B	45.0B	21
22	71.0B	64.3B	61.0B	115 E	1 360E	275E	154E	69.5E	51.0E	72.6	86.0B	43.8B	22
23	73.5B	63.0B	61.5B	151 E	1 550E	253E	161A	69.5E	47.0E	71.2	78.0B	43.1B	23
24	67.0B	62.3B	62.3B	218 E	1 440E	244E	166	69.6E	45.8E	67.8	77.5B	42.8B	24
25	61.5B	62.3B	63.0B	200 E	1 350E	250E	160A	69.8E	45.0E	63.0	76.8B	43.0B	25
26	58.0B	63.0B	64.0B	189 E	1 410E	246E	151E	71.0E	44.5E	62.1	73.5B	42.7B	26
27	55.5B	64.5B	64.3B	178 E	1 500E	252E	150E	73.5E	42.0E	66.6	72.2B	40.4B	27
28	54.0B	64.8B	64.3B	173 E	1 150E	246E	152E	76.0E	40.0E	68.3	73.0B	36.0B	28
29	53.6B		64.4B	187 E	940E	237E	163E	76.5E	40.0E	67.9B	70.0B	34.0B	29
30	53.7B		63.9B	200 E	960E	245E	180E	72.0E	45.3E	66.2B	67.3B	30.0B	30
31	54.0B		63.0B		1 010E		161E	65.0E		70.0B		27.0B	31
TOTAL	1 740.4	1 633.4	1 989.8	2 995.1	24 420	14 127	5 274	2 901.4	1 606.9	2 112.3	3 609.3	1 386.5	TOTAL
MEAN	56.1	58.3	64.2	99.8	788	471	170	93.6	53.6	68.1	120	44.7	MEAN
MAX	73.5	65.5	71.0	218	1 550	1 180	270	149	70.2	99.0	183	68.0	MAX
MIN	49.5	50.0	59.7	60.2	213	237	123	65.0	40.0	51.0	67.3	27.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 175
MAXIMUM DAILY, 1 550E ON MAY 23
MINIMUM DAILY, 27.0B ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 43 12 N
LONG 121 12 28 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	150 000	JUL	456 000
FEB	141 000	AUG	251 000
MAR	172 000	SEP	139 000
APR	259 000	OCT	183 000
MAY	2 110 000	NOV	312 000
JUN	1 220 000	DEC	120 000

TOTAL DISCHARGE, 5 510 000 dam³

PINKUT CREEK NEAR TINTAGEL - STATION NO. 08EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.75E	2.85B	2.49	2.75	3.95E	15.0 E	8.49	3.72	3.68	2.92	2.35	2.07	1
2	3.72E	3.00B	2.48	2.80	4.20E	15.2 E	8.39	3.72	3.59	2.94	2.34	2.04	2
3	3.70E	3.15B	2.51	2.82	4.50E	15.3 E	7.76	3.89	3.50	2.93	2.26	2.02B	3
4	3.68E	3.15B	2.50	3.03	4.85E	15.4 E	5.61	4.36	3.51	2.94	2.26	2.01B	4
5	3.66E	3.05B	2.47	2.98	5.10E	15.6 E	4.73	4.46	3.53	2.88	2.17	2.00B	5
6	3.64E	2.95B	2.43	3.08	5.40E	15.5 E	4.45	4.37	3.46	2.92	2.16	1.98B	6
7	3.62E	2.85B	2.44	3.05	5.65E	15.4 E	4.39	4.39	3.49	2.84	2.14	1.97B	7
8	3.60E	2.76B	2.48	3.03	6.00E	15.3 E	4.55	4.33	3.42	2.81	2.18	1.95B	8
9	3.60A	2.72B	2.48	3.00	6.25E	15.1 A	4.72	4.27	3.38	2.82	2.14	1.93B	9
10	3.56	2.92B	2.45	2.94	6.60E	15.0	4.90	4.09	3.38	2.80	2.13	1.93B	10
11	3.49	3.34B	2.47	2.94	7.00E	14.9	4.78	4.05	3.34	2.75	2.24	1.93B	11
12	3.49	3.15B	2.45	2.98	7.45E	14.9	4.83	4.22	3.32	2.65	2.15	1.94B	12
13	3.43	2.95B	2.48	2.93	7.95E	15.2	4.70	4.23	3.30	2.54	2.11	1.92B	13
14	3.46	2.85B	2.50	2.89	8.40E	15.3	4.71	4.04	3.31	2.55	2.16	1.90B	14
15	3.50	2.68B	2.50	2.90	8.65E	15.0	4.80	3.96	3.28	2.55	2.18	1.89B	15
16	3.40	2.60B	2.47	2.93	9.30E	14.6	5.02	3.88	3.23	2.53	2.15	1.87B	16
17	3.31	2.56B	2.45	2.97	9.65E	14.1	5.02	3.87	3.17	2.54	2.17	1.87B	17
18	3.30	2.47	2.46	3.04	10.1 E	13.7	5.20	4.07	3.20	2.52	2.17	1.87B	18
19	3.36	2.55	2.43	3.11	10.6 E	13.2	4.50	4.07	3.14	2.46	2.17	1.88B	19
20	3.31	2.51	2.41	3.08	10.9 E	12.8	4.28	4.00	3.15	2.49	2.16	1.90B	20
21	3.33	2.48	2.41	3.07	11.3 E	12.5	4.35	3.96	3.13	2.46	2.18	1.92B	21
22	3.37	2.50	2.45	3.18	12.0 E	12.1	4.50	4.27	3.16	2.45	2.19	1.93B	22
23	3.24	2.50	2.45	3.37	12.4 E	11.7	4.63	4.48	3.11	2.45	2.16	1.95B	23
24	3.22	2.51	2.46	3.64	12.8 E	11.3	4.37	4.63	3.10	2.45	2.14	1.97B	24
25	3.25	2.53	2.48	3.42	13.0 E	11.2	4.06	4.76	3.06	2.46	2.12	1.98B	25
26	3.20	2.52	2.67	3.38	13.3 E	10.8	4.00	4.21	3.10	2.45	2.13	1.97B	26
27	3.16	2.49	2.83	3.35A	13.6 E	10.6	3.95	4.10	3.07	2.46	2.13	1.96B	27
28	3.13	2.49	2.86	3.40E	14.0 E	10.4	3.92	4.10	3.14	2.46	2.11	1.92B	28
29	3.16		2.80	3.50E	14.2 E	9.58	3.84	4.00	3.08	2.37	2.07	1.87B	29
30	2.95B		2.78	3.70E	14.5 E	8.81	3.79	3.78	3.13	2.43	2.05	1.85B	30
31	2.80B		2.76		14.8 E		3.63	3.69		2.37		1.84B	31
TOTAL	105.39	77.08	78.30	93.26	288.40	405.49	150.87	127.97	98.46	81.19	65.07	60.03	TOTAL
MEAN	3.40	2.75	2.53	3.11	9.30	13.5	4.87	4.13	3.28	2.62	2.17	1.94	MEAN
MAX	3.75	3.34	2.86	3.70	14.8	15.6	8.49	4.76	3.68	2.94	2.35	2.07	MAX
MIN	2.80	2.47	2.41	2.75	3.95	8.81	3.63	3.69	3.06	2.37	2.05	1.84	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.47
MAXIMUM DAILY, 15.6E ON JUN 5
MINIMUM DAILY, 1.84B ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 52 N
LONG 125 25 26 W
DRAINAGE AREA, 862 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 110	JUL	13 000
FEB	6 660	AUG	11 100
MAR	6 770	SEP	8 510
APR	8 060	OCT	7 010
MAY	24 900	NOV	5 620
JUN	35 000	DEC	5 190

TOTAL DISCHARGE, 141 000 dam³

PITMAN RIVER NEAR THE MOUTH - STATION NO. 08CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	8.10B	7.20B	5.94B	17.0B	316	131	52.8	40.2	36.7	29.5B	12.6 B	1
2	10.2 B	8.18B	7.19B	5.90B	18.8B	279	149	49.3	38.4	35.0	27.2B	12.1 B	2
3	10.4 B	7.98B	7.06B	5.75B	20.4B	238	157	47.9	34.8	32.7	26.4B	11.8 B	3
4	10.4 B	7.84B	6.79B	5.63B	22.8B	228	139	49.3	32.1	31.0	25.6B	11.6 B	4
5	10.2 B	7.79B	6.59B	5.54B	25.6B	198	116	52.5	31.0	28.0	25.0B	11.5 B	5
6	10.1 B	7.86B	6.60B	5.56B	28.2B	177	111	57.6	40.5	29.2	23.9B	11.4 B	6
7	10.0 B	7.99B	6.62B	5.45B	31.5B	171	118	51.4	57.0	28.2	23.2B	11.3 B	7
8	10.0 B	7.92B	6.68B	5.38B	34.0B	149	115	46.0	52.1	27.2	22.3B	11.2 B	8
9	9.80B	7.63B	6.78B	5.28B	38.5B	138	101	42.7	63.6	26.1	21.6B	11.0 B	9
10	9.65B	7.68B	6.80B	5.30B	42.8B	140	99.9	39.7	80.5	25.3	20.4B	10.8 B	10
11	9.70B	7.60B	6.65B	5.34B	47.5B	149	112	37.7	72.0	24.3	19.4B	10.7 B	11
12	9.71B	7.45B	6.47B	5.39B	53.0B	158	129	35.8	62.8	23.8	18.7B	10.6 B	12
13	9.60B	7.40B	6.51B	5.41B	60.0B	170	132	33.6	55.6	24.1	17.9B	10.5 B	13
14	9.35B	7.45B	6.56B	5.52B	72.0B	181	125	31.7	50.3	27.1	17.0B	10.4 B	14
15	9.24B	7.52B	6.60B	5.65B	79.0B	187	117	30.4	51.7	36.5	16.0B	10.3 B	15
16	9.23B	7.65B	6.50B	5.82B	86.3	175	114	28.9	49.4	54.8	15.2B	10.3 B	16
17	9.30B	7.80B	6.40B	6.10B	90.8	172	114	27.2	48.6	47.6	14.8B	10.3 B	17
18	9.50B	7.87B	6.25B	6.50B	103	176	114	25.9	51.4	42.4	14.6B	10.3 B	18
19	9.58B	7.92B	6.05B	6.80B	120	172	116	25.4	49.3	41.6	14.4B	10.2 B	19
20	9.59B	7.88B	5.86B	7.20B	141	174	106	25.5	45.8	38.8	14.3B	10.2 B	20
21	9.50B	7.80B	5.83B	7.90B	159	178	93.1	24.9	42.3	34.5	14.3B	10.1 B	21
22	9.48B	7.54B	5.80B	8.55B	186	176	84.1	24.0	39.8	34.7	14.2B	9.75B	22
23	9.30B	7.30B	5.85B	9.10B	199	165	78.7	23.5	42.5	33.4	14.1B	9.25B	23
24	9.02B	7.08B	5.92B	9.95B	197	157	72.9	23.2	44.6	35.8	13.9B	9.00B	24
25	8.85B	7.02B	6.02B	11.2 B	211	161	71.6	23.0	41.2	46.4	13.7B	8.95B	25
26	8.50B	7.00B	6.03B	12.4 B	251	149	71.9	23.7	37.8	50.1	13.4B	8.80B	26
27	8.23B	7.02B	6.02B	13.2 B	278	137	69.8	24.9	36.2	43.4	13.3B	8.20B	27
28	8.10B	7.12B	6.00B	13.9 B	253	129	66.9	54.1	36.2	39.9	13.2B	7.50B	28
29	8.00B		6.02B	14.6 B	248	133	64.5	61.4	36.5	35.9	13.1B	6.80B	29
30	7.98B		6.02B	15.4 B	275	141	59.4	47.5	35.5	35.6	13.0B	6.45B	30
31	8.00B		5.98B		305		56.3	42.6		32.4B		6.30B	31
TOTAL	290.61	213.39	197.65	231.66	3 694.2	5 274	3 205.1	1 164.1	1 399.7	1 082.5	543.6	310.20	TOTAL
MEAN	9.37	7.62	6.38	7.72	119	176	103	37.6	46.7	34.9	18.1	10.0	MEAN
MAX	10.4	8.18	7.20	15.4	305	316	157	61.4	80.5	54.8	29.5	12.6	MAX
MIN	7.98	7.00	5.80	5.28	17.0	129	56.3	23.0	31.0	23.8	13.0	6.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.2
MAXIMUM DAILY, 316 ON JUN 1
MINIMUM DAILY, 5.28B ON APR 9
MAXIMUM INSTANTANEOUS,
330 AT 08:00 PST ON JUN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 58 55 N
LONG 128 25 46 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 100	JUL	277 000
FEB	18 400	AUG	101 000
MAR	17 100	SEP	121 000
APR	20 000	OCT	93 500
MAY	319 000	NOV	47 000
JUN	456 000	DEC	26 800

TOTAL DISCHARGE, 1 520 000 dam³

PLACE CREEK NEAR BIRKEN - STATION NO. 08MG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.888	0.882	1.83	2.27	0.378	1.57	---	1
2	---	---	---	---	---	0.841	1.06	1.81	1.64	0.288	0.982	---	2
3	---	---	---	---	---	0.758	1.71	1.82	1.28	0.199	0.579	---	3
4	---	---	---	---	---	0.633	2.16	1.89	1.51	0.166	0.405	---	4
5	---	---	---	---	---	0.617	2.04	1.85	1.23	0.150	0.328	---	5
6	---	---	---	---	---	0.640	1.67	2.09	1.45	0.187	0.292	---	6
7	---	---	---	---	---	0.451	1.10	2.38	1.96	0.259	0.262	---	7
8	---	---	---	---	---	0.390B	0.835	2.52	2.18	0.189	0.238	---	8
9	---	---	---	---	---	0.380B	0.717	2.66	2.24	0.114B	0.220	---	9
10	---	---	---	---	---	0.373	0.808	2.81	1.74	0.100B	0.214	---	10
11	---	---	---	---	---	0.333	0.946	2.91	1.61	0.093B	1.78	---	11
12	---	---	---	---	---	0.295	1.08	2.86	1.33	0.090B	1.28	---	12
13	---	---	---	---	0.069B	0.291	1.26	2.88	1.16	0.088B	---	---	13
14	---	---	---	---	0.072B	0.308	1.56	2.83	1.20	0.119	---	---	14
15	---	---	---	---	0.080B	0.379	1.49	2.77	1.75	0.125	---	---	15
16	---	---	---	---	0.088B	0.333	1.57	2.64	2.06	0.127	---	---	16
17	---	---	---	---	0.100B	0.279	1.64	2.52	2.45	0.125	---	---	17
18	---	---	---	---	0.114B	0.246	1.67	2.57	2.89	0.129	---	---	18
19	---	---	---	---	0.130B	0.237	2.03	2.34	2.02	0.137	---	---	19
20	---	---	---	---	0.150B	0.281	1.93	2.27	0.829	0.120B	---	---	20
21	---	---	---	---	0.170B	0.244	2.03	1.97	0.539	0.103B	---	---	21
22	---	---	---	---	0.210B	0.229	2.18	2.07	0.396	0.098B	---	---	22
23	---	---	---	---	0.260B	0.221	2.39	2.37	0.333	0.096B	---	---	23
24	---	---	---	---	0.350B	0.258	2.40	2.43	0.290	0.100B	---	---	24
25	---	---	---	---	0.480B	0.435	2.34	1.60	0.255	0.109	---	---	25
26	---	---	---	---	0.710B	0.627	2.52	1.20	0.216	0.121	---	---	26
27	---	---	---	---	0.706	0.628	2.63	1.12	0.209	0.139	---	---	27
28	---	---	---	---	0.602	0.610	2.49	1.21	0.201	0.183	---	---	28
29	---		---	---	0.779	0.814	2.08	1.71	0.180	0.230E	---	---	29
30	---		---	---	1.44	0.993	2.04	1.41	0.180	0.390E	---	---	30
31	---		---		1.10		1.90	1.32		0.671		---	31
TOTAL	---	---	---	---	---	14.012	53.158	66.66	37.598	5.423	---	---	TOTAL
MEAN	---	---	---	---	---	0.467	1.71	2.15	1.25	0.175	---	---	MEAN
MAX	---	---	---	---	---	0.993	2.63	2.91	2.89	0.671	---	---	MAX
MIN	---	---	---	---	---	0.221	0.717	1.12	0.180	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.91 ON AUG 11

MAXIMUM INSTANTANEOUS,
3.68 AT 19:38 PST ON SEP 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 43 N
LONG 122 37 14 W
DRAINAGE AREA, 7.25 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 590
FEB	---	AUG	5 760
MAR	---	SEP	3 250
APR	---	OCT	469
MAY	---	NOV	---
JUN	1 210	DEC	---

POUCE COUPE RIVER BELOW HENDERSON CREEK - STATION NO. 07FD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.375B	0.326B	0.335B	0.312B	83.5	18.0	---	---	0.045A	---	0.335B	0.202B	1
2	0.367B	0.324B	0.330B	0.314B	80.1	24.5	---	---	---	---	0.305B	0.204B	2
3	0.355B	0.320B	0.319B	0.320B	73.0	22.9	---	---	---	---	0.304B	0.203B	3
4	0.339B	0.319B	0.313B	0.323B	65.8	18.2	---	---	---	---	0.307B	0.194B	4
5	0.323B	0.319B	0.309B	0.324B	58.1	15.9	---	---	---	---	0.301B	0.166B	5
6	0.312B	0.320B	0.309B	0.324B	52.1	14.4 E	---	---	---	---	0.295B	0.135B	6
7	0.304B	0.320B	0.309B	0.322B	47.3	13.3 E	---	---	---	---	0.287B	0.120B	7
8	0.298B	0.318B	0.314B	0.318B	43.4	11.1 E	---	---	---	---	0.286B	0.114B	8
9	0.296B	0.315B	0.325B	0.316B	41.5	9.21E	---	---	---	---	0.287B	0.107B	9
10	0.295B	0.315B	0.331B	0.314B	39.8	8.00E	---	---	---	---	0.292B	0.103B	10
11	0.292B	0.317B	0.332B	0.310B	37.3	7.30E	---	---	---	---	0.296B	0.096B	11
12	0.286B	0.319B	0.335B	0.306B	33.5	7.00E	---	---	---	---	0.318B	0.091B	12
13	0.277B	0.323B	0.336B	0.308B	30.3	7.00E	---	---	---	---	0.333B	0.089B	13
14	0.268B	0.328B	0.335B	0.312B	27.7	7.20E	---	---	---	---	0.300B	0.887B	14
15	0.265B	0.332B	0.332B	0.318B	25.5	8.00E	---	---	---	---	0.272B	0.090B	15
16	0.266B	0.337B	0.328B	0.325B	23.6	8.10E	---	---	---	---	0.250B	0.102B	16
17	0.269B	0.338B	0.322B	0.341B	21.1	7.40E	---	---	---	---	0.243B	0.108B	17
18	0.280B	0.336B	0.317B	0.520B	19.2	6.70E	---	---	---	---	0.237B	0.117B	18
19	0.325B	0.340B	0.313B	1.66 B	17.6	6.20E	---	---	---	---	0.238B	0.124B	19
20	0.374B	0.341B	0.310B	5.45 B	16.7	5.41E	---	---	---	0.262B	0.239B	0.125B	20
21	0.440B	0.341B	0.310B	18.7 B	15.7	4.95E	---	---	---	0.245B	0.234B	0.119B	21
22	0.500B	0.340B	0.312B	46.7 B	14.0	4.64A	---	---	---	0.247B	0.217B	0.112B	22
23	0.475B	0.331B	0.314B	55.4	12.7 E	4.50E	---	---	---	0.251B	0.201B	0.110B	23
24	0.445B	0.324B	0.316B	98.2	11.3 E	4.10E	---	---	---	0.275B	0.197B	0.113B	24
25	0.410B	0.321B	0.320B	102	9.40E	3.70E	---	---	---	0.268B	0.202B	0.114B	25
26	0.386B	0.326B	0.321B	84.6	8.90E	3.28E	---	---	---	0.285B	0.207B	0.112B	26
27	0.370B	0.332B	0.321B	74.3	9.70E	2.95E	---	---	---	0.297B	0.207B	0.105B	27
28	0.352B	0.337B	0.320B	78.7	9.30E	2.65E	---	---	---	0.281B	0.218B	0.100B	28
29	0.343B		0.318B	84.0	8.20E	2.40E	---	---	---	0.279B	0.220B	0.096B	29
30	0.334B		0.315B	81.9	7.10E	2.15E	---	---	---	0.290B	0.207B	0.093B	30
31	0.328B		0.311B		7.90E		---	---	---	0.310B		0.090B	31
TOTAL	10.549	9.159	9.932	737.537	951.30	261.14	---	---	---	---	7.835	4.541	TOTAL
MEAN	0.340	0.327	0.320	24.6	30.7	8.70	---	---	---	---	0.261	0.146	MEAN
MAX	0.500	0.341	0.336	102	83.5	24.5	---	---	---	---	0.335	0.887	MAX
MIN	0.265	0.315	0.309	0.306	7.10	2.15	---	---	---	---	0.197	0.089	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 102 ON APR 25

MAXIMUM INSTANTANEOUS,
113 AT 18:48 PST ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 51 53 N
LONG 120 01 46 W
DRAINAGE AREA, 2 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	911	JUL	---
FEB	791	AUG	---
MAR	858	SEP	---
APR	63 700	OCT	---
MAY	82 200	NOV	677
JUN	22 600	DEC	392

POWERS CREEK AT THE MOUTH - STATION NO. 08NM157

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.261E	0.119B	0.212E	0.543	2.89	1.62	0.214	0.572E	0.337E	0.402E	0.317E	0.131E	1
2	0.216	0.110B	0.203	0.544E	2.68E	1.47 E	0.171E	0.558E	0.261	0.346	0.297	0.167	2
3	0.215E	0.102B	0.216	0.543	2.47E	1.32	0.127	0.547	0.279E	0.317E	0.255E	0.167E	3
4	0.215E	0.099E	0.243	0.504E	2.27	1.28 E	0.141E	0.479E	0.297	0.289E	0.214	0.167	4
5	0.216	0.096B	0.212E	0.467E	1.86E	1.24	0.154E	0.412	0.282E	0.261	0.175E	0.162E	5
6	0.158	0.093B	0.182	0.430	1.45	1.29 E	0.167	0.297E	0.266E	0.382E	0.135	0.157E	6
7	0.134	0.091B	0.181E	0.413E	1.62E	1.33 E	0.262E	0.186	0.251	0.500	0.138E	0.151	7
8	0.133E	0.088B	0.181E	0.396	1.78	1.37	0.358	0.211E	0.205E	0.473E	0.141E	0.159E	8
9	0.134	0.085B	0.182	0.402E	1.95E	1.28 E	0.294E	0.236E	0.159	0.441	0.143	0.167	9
10	0.133E	0.085B	0.181E	0.412	2.10E	1.19	0.232	0.261	0.159E	0.396E	0.147E	0.167	10
11	0.133E	0.088B	0.182	0.377E	2.27	1.16 E	0.236E	0.194E	0.159	0.354E	0.151	0.119	11
12	0.134	0.091B	0.193E	0.343E	2.89	1.14	0.239E	0.127	0.143E	0.309	0.183E	0.130E	12
13	0.108E	0.096B	0.203	0.310	3.54	1.11 E	0.242	0.147E	0.127E	0.297E	0.214	0.141E	13
14	0.078	0.105B	0.249E	0.278E	4.30E	1.09 E	0.294E	0.167	0.112	0.285	0.204E	0.151	14
15	0.079E	0.116B	0.294E	0.243	5.04	1.06	0.346	0.176E	0.116E	0.286E	0.195E	0.151E	15
16	0.078	0.147B	0.341	0.354E	4.67E	0.943E	0.261E	0.186E	0.119	0.285	0.186	0.151	16
17	0.093E	0.190	0.340E	0.466	4.28E	0.821	0.176	0.195	0.116E	0.286E	0.186E	0.151	17
18	0.110E	0.216	0.341	0.606E	3.91	0.943E	0.286E	0.146E	0.112	0.286E	0.186	0.135	18
19	0.126	0.235E	0.326E	0.748E	4.11E	1.06	0.394E	0.096	0.146E	0.285	0.176E	0.125E	19
20	0.127E	0.256	0.310	0.889	4.28	0.983E	0.500	0.195	0.180E	0.279E	0.167	0.114E	20
21	0.126	0.235E	0.314E	1.00 E	4.28E	0.900E	0.394E	0.232	0.214	0.273	0.167E	0.104	21
22	0.142E	0.212E	0.317E	1.11	4.28	0.821	0.285	0.258E	0.279E	0.253E	0.167E	0.099B	22
23	0.158	0.190	0.323	2.03 E	4.02E	0.722E	0.286E	0.283E	0.346	0.232	0.167	0.096B	23
24	0.156B	0.229E	0.331E	2.95	3.79E	0.619	0.285	0.309	0.402E	0.236E	0.159E	0.099B	24
25	0.156B	0.270	0.341	2.64 E	3.54	0.538E	0.259E	0.270E	0.456	0.239E	0.151	0.102B	25
26	0.161B	0.249E	0.368E	2.33 E	3.23E	0.456	0.232E	0.232	0.430E	0.242	0.155E	0.102B	26
27	0.167B	0.230	0.394	2.02	2.89	0.377E	0.204	0.242E	0.408E	0.264E	0.159	0.099B	27
28	0.170B	0.221E	0.413E	1.45	2.34E	0.298E	0.232E	0.251	0.382	0.285	0.138E	0.099B	28
29	0.164B		0.430E	1.45	1.78	0.214	0.261	0.303E	0.419E	0.323E	0.117E	0.099B	29
30	0.150B		0.448	2.17 E	1.73E	0.214E	0.422E	0.357E	0.456	0.358	0.096	0.096B	30
31	0.136B		0.496E		1.67E		0.583	0.412		0.337E		0.096B	31
TOTAL	4.567	4.344	8.947	28.416	93.91	28.855	8.537	8.537	7.618	9.801	5.286	4.054	TOTAL
MEAN	0.147	0.155	0.289	0.947	3.03	0.962	0.275	0.275	0.254	0.316	0.176	0.131	MEAN
MAX	0.261	0.270	0.496	2.95	5.04	1.62	0.583	0.572	0.456	0.500	0.317	0.167	MAX
MIN	0.078	0.085	0.181	0.243	1.45	0.214	0.127	0.096	0.112	0.232	0.096	0.096	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.583
MAXIMUM DAILY, 5.04 ON MAY 15
MINIMUM DAILY, 0.078 ON JAN 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 48 54 N
LONG 119 37 40 W
DRAINAGE AREA, 184 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	395	JUL	738
FEB	375	AUG	738
MAR	773	SEP	658
APR	2 460	OCT	847
MAY	8 110	NOV	457
JUN	2 490	DEC	350

TOTAL DISCHARGE, 18 400 dam³

POWERS CREEK BELOW WESTBANK DIVERSION - STATION NO. 08NH059

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.170	0.127B	0.180	0.348	2.59E	1.93 E	0.334	0.646	0.334	0.422E	0.402	0.095	1
2	0.163	0.113B	0.180	0.334	3.10	1.64	0.098	0.541E	0.307	0.391E	0.257	0.111	2
3	0.137	0.108B	0.189	0.326E	2.55	1.57	0.057E	0.435	0.247	0.361	0.334	0.071	3
4	0.131	0.105B	0.157	0.314E	2.44	1.43	0.015	0.351E	0.263E	0.257	0.137	0.111	4
5	0.116E	0.102B	0.189	0.307	2.15	1.29	0.124	0.265E	0.280	0.247	0.109E	0.108E	5
6	0.101	0.099B	0.180	0.293	1.87	1.37 E	0.014	0.180	0.257	0.334	0.081	0.105	6
7	0.105	0.096B	0.172E	0.280	2.21	1.46 E	0.321	0.208	0.242E	0.362E	0.098	0.098	7
8	0.101	0.093B	0.165E	0.268E	2.27	1.54	0.361	0.189	0.228	0.391E	0.098E	0.100E	8
9	0.098	0.093B	0.158E	0.257	2.85	1.23	0.118	0.163	0.071	0.419	0.098	0.103E	9
10	0.078	0.096B	0.150	0.257	3.16	1.29	0.199	0.131	0.084	0.389	0.098	0.105	10
11	0.084	0.099B	0.150	0.257	3.22	1.23	0.321	0.078	0.068	0.348	0.095	0.102B	11
12	0.091	0.105B	0.170	0.261E	3.26E	1.18	0.118	0.131	0.083E	0.326E	0.081	0.099B	12
13	0.045	0.119B	0.184E	0.266	3.28	1.29	0.233E	0.105	0.098	0.303E	0.109E	0.096B	13
14	0.042B	0.127B	0.199	0.199	3.28	1.29	0.348	0.189	0.068	0.280	0.137	0.102B	14
15	0.042B	0.190B	0.199	0.208	3.62E	1.18	0.348	0.157E	0.071	0.275E	0.131	0.108B	15
16	0.042B	0.193B	0.307	0.208	3.96	1.18	0.210E	0.124	0.061	0.271E	0.150	0.105B	16
17	0.042B	0.190B	0.293	0.278E	3.96	1.11 E	0.071	0.131	0.069E	0.266	0.134E	0.113B	17
18	0.045B	0.170B	0.266	0.348	3.96	1.03 E	0.187E	0.045	0.078	0.266E	0.118	0.119B	18
19	0.051B	0.218	0.257	0.507E	3.96E	0.963E	0.303E	0.010	0.143E	0.266	0.118	0.096B	19
20	0.057B	0.218	0.257	0.665	3.96	0.889	0.419	0.137	0.208	0.252E	0.111	0.071B	20
21	0.065B	0.200E	0.237	0.705	4.11E	0.839	0.252E	0.050	0.228	0.237	0.157	0.071B	21
22	0.085B	0.182E	0.189	0.814	4.25	0.765	0.084	0.163	0.247E	0.237	0.189	0.071B	22
23	0.105B	0.163	0.266	1.29	3.96	0.685	0.216E	0.215E	0.266	0.228	0.163	0.074B	23
24	0.147B	0.181E	0.247	2.32	3.96	0.665	0.348	0.268E	0.468	0.246E	0.150	0.074B	24
25	0.210B	0.199	0.257	1.87	4.53	0.533	0.348E	0.321	0.435	0.264E	0.058	0.071B	25
26	0.212B	0.180	0.278E	1.43	4.11	0.348	0.348	0.218	0.436E	0.283E	0.131	0.068B	26
27	0.212B	0.189	0.300E	1.39	3.28	0.348	0.177E	0.208	0.436E	0.300E	0.066	0.068B	27
28	0.176B	0.180	0.320E	1.50	2.79	0.247	0.005	0.289E	0.435	0.321	0.074	0.068B	28
29	0.144B		0.343E	1.57	2.32	0.189	0.606	0.371E	0.445E	0.321	0.064E	0.071B	29
30	0.139B		0.361	2.10	2.27E	0.262E	0.705	0.451	0.451	0.348E	0.053	0.068B	30
31	0.133B		0.357E		2.21		0.685	0.451		0.374E		0.068B	31
TOTAL	3.369	4.135	7.157	21.170	99.44	30.973	7.973	7.221	7.107	9.585	4.001	2.790	TOTAL
MEAN	0.109	0.148	0.231	0.706	3.21	1.03	0.257	0.233	0.237	0.309	0.133	0.090	MEAN
MAX	0.212	0.218	0.361	2.32	4.53	1.93	0.705	0.646	0.468	0.422	0.402	0.119	MAX
MIN	0.042	0.093	0.150	0.199	1.87	0.189	0.005	0.010	0.061	0.228	0.053	0.068	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.561
MAXIMUM DAILY, 4.53 ON MAY 25
MINIMUM DAILY, 0.005 ON JUL 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 50 27 N
LONG 119 39 05 W
DRAINAGE AREA, 139 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	291	JUL	689
FEB	357	AUG	624
MAR	618	SEP	614
APR	1 830	OCT	828
MAY	8 590	NOV	346
JUN	2 680	DEC	241

TOTAL DISCHARGE, 17 700 dam³

PREMIER CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08OA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.031	0.018	0.014	0.010	0.009	0.005	0.004	0.002	0.007	0.025	0.009	0.050	1
2	0.025	0.016	0.015	0.010	0.011	0.007	0.004	0.002	0.003	0.018	0.006	0.028	2
3	0.022	0.014	0.014	0.009	0.010	0.009	0.004	0.001	0.002	0.012	0.006	0.022	3
4	0.019	0.013	0.011	0.053	0.008	0.009	0.003	0.002	0.002	0.010	0.024	0.059	4
5	0.017	0.011	0.010	0.026	0.007	0.013	0.003	0.003	0.004	0.039	0.021	0.051	5
6	0.025	0.010	0.018	0.014	0.006	0.010	0.003	0.002	0.004	0.046	0.030	0.028	6
7	0.021	0.010	0.023	0.012	0.006	0.006	0.003	0.002	0.004	0.045	0.012	0.023	7
8	0.023	0.009	0.023	0.016	0.005	0.005	0.002	0.001	0.031	0.022	0.011	0.021	8
9	0.043	0.008	0.059	0.017	0.008	0.005	0.002	0.001	0.024	0.017	0.010	0.020	9
10	0.063	0.008	0.030	0.013	0.010	0.005	0.002	0.001	0.022	0.014	0.024	0.017	10
11	0.039	0.007	0.018	0.014	0.007	0.004	0.002	0.001	0.020	0.013	0.054	0.015	11
12	0.025	0.008	0.014	0.018	0.007	0.004	0.002	0.001	0.008	0.012	0.034	0.014	12
13	0.035	0.012	0.013	0.023	0.007	0.004	0.002	0.001	0.005	0.011	0.031	0.012	13
14	0.039	0.048	0.013	0.095	0.006	0.003	0.002	0.001	0.019	0.010	0.021	0.016	14
15	0.025	0.034	0.019	0.038	0.006	0.004	0.002	0.001	0.043	0.010	0.018	0.015	15
16	0.024	0.020	0.016	0.024	0.005	0.003	0.002	0.001	0.019	0.009	0.016	0.014	16
17	0.023	0.031	0.012	0.021	0.005	0.003	0.002	0.001	0.011	0.008	0.015	0.021	17
18	0.055	0.041	0.011	0.020	0.005	0.004	0.002	0.001	0.010	0.017	0.013	0.032	18
19	0.036	0.106	0.01C	0.018	0.004	0.004	0.001	0.001	0.008	0.010	0.014	0.083	19
20	0.058	0.085	0.009	0.021	0.004	0.004	0.001	0.001	0.007	0.008	0.012	0.034	20
21	0.069	0.138	0.009	0.018	0.005	0.004	0.001	0.006	0.006	0.006	0.011	0.022	21
22	0.063	0.086	0.008	0.022	0.005	0.003	0.001	0.003	0.005	0.006	0.022	0.021	22
23	0.040	0.049	0.008	0.015	0.005	0.003	0.001	0.002	0.005	0.005	0.022	0.026	23
24	0.031	0.038	0.013	0.012	0.005	0.003	0.001	0.002	0.005	0.005	0.014A	0.044	24
25	0.027	0.028	0.011	0.010	0.005	0.004	0.001	0.002	0.004	0.005	0.012	0.033	25
26	0.069	0.023	0.009	0.009	0.005	0.004	0.001	0.002	0.004	0.004	0.010A	0.026	26
27	0.046	0.020	0.009	0.009	0.005	0.003	0.001	0.002	0.020	0.004	0.010	0.021	27
28	0.032	0.017	0.024	0.008	0.004	0.003	0.001	0.001	0.012	0.004	0.010	0.019	28
29	0.025		0.013	0.008	0.004	0.005	0.001	0.001	0.009	0.004	0.011	0.018	29
30	0.022		0.012	0.009	0.004	0.004	0.001	0.001	0.043	0.022	0.040	0.016	30
31	0.020		0.011		0.004		0.001	0.005		0.013		0.014	31
TOTAL	1.092	0.908	0.479	0.592	0.187	0.147	0.059	0.054	0.366	0.434	0.543	0.835	TOTAL
MEAN	0.035	0.032	0.015	0.020	0.006	0.005	0.002	0.002	0.012	0.014	0.018	0.027	MEAN
MAX	0.069	0.138	0.059	0.095	0.011	0.013	0.004	0.006	0.043	0.046	0.054	0.083	MAX
MIN	0.017	0.007	0.008	0.008	0.004	0.003	0.001	0.001	0.002	0.004	0.006	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.016
MAXIMUM DAILY, 0.138 ON FEB 21
MINIMUM DAILY, 0.001 ON JUL 19
MAXIMUM INSTANTANEOUS,
0.214 AT 20:54 PST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 132 04 00 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	94.3	JUL	5.10
FEB	78.5	AUG	4.67
MAR	41.4	SEP	31.6
APR	51.1	OCT	37.5
MAY	16.2	NOV	46.9
JUN	12.7	DEC	72.1

TOTAL DISCHARGE, 492 dam³

PUNTLEDGE RIVER AT COURTENAY - STATION NO. 08HB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	82.2	37.1	38.5	26.4	41.8	25.5	21.2	19.4	30.0	42.2	225	35.5	1
2	41.4	37.0	37.5	25.2	39.4	25.1	21.0	19.3	28.9	24.4	190	37.5	2
3	44.0	36.2	37.0	24.3	38.2	24.9	20.6	19.0	22.2	20.7	171	35.4	3
4	34.1	35.9	36.2	24.6	38.1	24.7	20.3	19.6	24.0	19.4	135	40.1	4
5	28.7	35.9	35.7	32.6	37.6	25.5	20.2	19.6	24.5	35.0	90.8	85.2	5
6	28.3	35.5	35.6	30.7	37.6	26.2	20.2	20.6	24.2	46.8	70.3	98.7	6
7	28.4	35.6	35.8	31.8	40.6	25.4	20.3	21.9	24.4	66.3	76.5	75.7	7
8	28.0	35.6	35.8	31.1	40.7	24.5	20.3	21.8	24.1	83.9	83.9	52.3	8
9	31.4	32.8	33.1	30.2	39.4	25.5	20.2	21.8	24.2	81.4	90.2	52.1	9
10	30.6	26.2	30.9	29.9	38.5	26.0	20.4	21.8	24.0	67.8	36.7	65.1	10
11	29.5	24.2	31.0	29.8	38.1	25.8	24.7	21.7	24.2	47.2	165	44.8	11
12	28.7	23.3	30.8	30.0	37.4	26.6	23.5	21.6	23.9	34.7	139	35.8	12
13	27.6	24.9	29.6	30.0	36.1	27.6	21.7	21.6	23.8	33.5	133	34.6	13
14	24.6	41.0	27.7	30.1	35.0	27.3	21.0	21.6	21.6	33.6	157	40.6	14
15	24.2	50.8	27.8	29.2	35.2	26.8	20.5	21.6	19.1	33.2	133	42.9	15
16	23.7	82.4	28.0	27.2	33.4	26.7	20.5	21.5	16.9	33.3	136	34.6	16
17	23.9	103	27.6	25.7	33.4	26.1	20.3	21.8	16.9	32.9	104	34.1	17
18	68.8	95.4	26.9	25.2	35.2	27.1	20.2	20.9	16.9	32.9	67.3	40.0	18
19	179	163	26.7	25.7	35.7	28.6	20.2	20.7	16.7	33.3	60.9	140	19
20	184	94.7	26.4	26.5	35.0	27.7	19.9	20.7	18.6	32.2	74.4	89.5	20
21	224	76.0	26.4	25.4	33.7	27.3	19.8	20.5	42.1	33.2	120	64.9	21
22	247	42.7	28.8	34.0	32.9	26.0	19.6	20.6	24.7	33.6	132	61.1	22
23	153	61.5	29.4	45.2	32.6	22.7	19.4	20.6	20.8	34.1	91.2	57.0	23
24	150	71.4	28.7	36.4	34.3	24.3	19.4	20.6	19.2	32.7	69.9	40.1	24
25	157	43.0	28.6	28.3	38.8	22.6	19.3	20.3	18.2	31.3	60.1	35.5	25
26	94.6	38.8	26.0	25.9	35.2	21.3	19.3	20.3	17.4	33.6	44.1	34.9	26
27	48.2	37.7	25.6	29.3	33.1	20.7	19.4	20.3	37.3	51.2	38.6	34.5	27
28	38.6	38.8	24.6	39.4	31.7	20.6	19.4	20.2	28.5	55.1	37.9	34.1	28
29	38.0		29.1	40.1	26.7	20.6	20.0	20.2	20.8	40.0	37.9	33.9	29
30	37.3		27.4	43.8	26.4	20.8	20.1	20.1	21.9	48.3	35.4	33.3	30
31	36.8		27.8		25.9		19.7	25.4		201		33.5	31
TOTAL	2 215.6	1 460.4	941.0	914.0	1 098.0	750.5	632.6	647.6	700.0	1 428.8	2 916.1	1 577.3	TOTAL
MEAN	71.5	52.2	30.4	30.5	35.4	25.0	20.4	20.9	23.3	46.1	97.2	50.9	MEAN
MAX	247	163	38.5	45.2	41.8	28.6	24.7	25.4	42.1	201	225	140	MAX
MIN	23.7	23.3	24.6	24.3	25.9	20.6	19.3	19.0	16.7	19.4	35.4	33.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.9
MAXIMUM DAILY, 247 ON JAN 22
MINIMUM DAILY, 16.7 ON SEP 19
MAXIMUM INSTANTANEOUS,
325 AT 15:50 PST ON JAN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 17 N
LONG 125 01 57 W
DRAINAGE AREA, 583 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	191 000	JUL	54 700
FEB	126 000	AUG	56 000
MAR	81 300	SEP	60 500
APR	79 000	OCT	123 000
MAY	94 900	NOV	252 000
JUN	64 800	DEC	136 000

TOTAL DISCHARGE, 1 320 000 dam³

QUALITY CREEK NEAR THE MOUTH - STATION NO. 07FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.055B	0.039B	0.040B	0.036B	2.17	1.64	0.144	0.420E	0.073	0.056	0.118B	0.035B	1
2	0.056B	0.038B	0.038B	0.036B	1.55	1.09	0.127	0.336	0.082	0.048	0.106B	0.033B	2
3	0.057B	0.038B	0.037B	0.037B	1.32	0.809	0.110	0.243	0.078	0.047	0.094B	0.026B	3
4	0.057B	0.039B	0.036B	0.037B	1.26	0.638	0.100	0.197	0.077	0.046	0.088B	0.023B	4
5	0.057B	0.038B	0.037B	0.037B	1.23	0.540	0.096	0.168	0.069	0.046	0.086B	0.022B	5
6	0.055B	0.037B	0.037B	0.036B	1.15	0.481	0.089	0.144	0.063	0.044	0.084B	0.018B	6
7	0.054B	0.035B	0.038B	0.036B	1.18	0.416	0.081	0.128	0.056	0.045	0.078B	0.012B	7
8	0.052B	0.033B	0.039B	0.035B	2.20	0.369	0.076	0.112	0.050	0.046	0.070B	0.008B	8
9	0.052B	0.031B	0.039B	0.034B	2.53 A	0.344	0.075	0.099	0.047	0.045	0.062B	0.007B	9
10	0.053B	0.030B	0.038B	0.033B	2.05 E	0.342	0.070	0.088	0.044	0.045	0.065B	0.006B	10
11	0.054B	0.029B	0.037B	0.032B	1.56 E	0.462	0.065	0.079	0.041	0.045	0.066B	0.004B	11
12	0.055B	0.029B	0.036B	0.032B	1.07 A	0.775	0.151	0.072	0.039	0.047	0.068B	0.004B	12
13	0.055B	0.030B	0.036B	0.032B	0.992	0.697	0.163	0.065	0.038	0.051	0.074B	0.003B	13
14	0.054B	0.032B	0.036B	0.033B	1.03	0.595E	0.146	0.061	0.037	0.051	0.058B	0.004B	14
15	0.053B	0.037B	0.036B	0.033B	1.16	0.510E	0.120	0.056	0.037	0.047	0.049B	0.006B	15
16	0.053B	0.040B	0.036B	0.035B	1.04	0.425A	0.099	0.051	0.035	0.044	0.043B	0.009B	16
17	0.053B	0.040B	0.035B	0.037B	0.901	0.412	0.089	0.048	0.034	0.041	0.042B	0.012B	17
18	0.054B	0.040B	0.032B	0.045B	0.807	0.399	0.082	0.045	0.033	0.040	0.043B	0.015B	18
19	0.056B	0.038B	0.031B	0.067B	0.702	0.370	0.073	0.043	0.031	0.040A	0.046B	0.018B	19
20	0.059B	0.038B	0.030B	0.100B	0.617	0.307	0.106	0.041	0.030	0.039B	0.050B	0.020B	20
21	0.065B	0.039B	0.030B	0.155B	0.616	0.271	0.148E	0.038	0.031	0.038B	0.047B	0.018B	21
22	0.067B	0.040B	0.031B	0.230B	0.645	0.243	0.190E	0.038	0.037	0.037B	0.040B	0.016B	22
23	0.067B	0.039B	0.033B	0.350B	0.587	0.217	0.225E	0.037	0.039	0.037B	0.036B	0.014B	23
24	0.061B	0.038B	0.034B	1.20 B	0.551	0.200	0.160E	0.035	0.042	0.036B	0.035B	0.015B	24
25	0.054B	0.038B	0.036B	0.930B	0.534	0.184	0.117E	0.044	0.047	0.037B	0.038B	0.016B	25
26	0.045B	0.039B	0.037B	0.770B	0.923	0.170	0.082E	0.166	0.045	0.038B	0.036B	0.014B	26
27	0.042B	0.039B	0.037B	0.670A	0.787	0.228	0.076E	0.138	0.043	0.038B	0.038B	0.012B	27
28	0.040B	0.040B	0.037B	0.916	0.649	0.242A	0.070E	0.115	0.044	0.037B	0.041B	0.010B	28
29	0.039B		0.037B	1.11	0.554	0.200E	0.250E	0.096	0.042	0.036B	0.038B	0.008B	29
30	0.039B		0.036B	1.35	0.531	0.168	0.830E	0.083	0.039	0.038B	0.033B	0.006B	30
31	0.039B		0.036B		1.18		0.570E	0.072		0.046B		0.004B	31
TOTAL	1.652	1.023	1.108	8.484	34.076	13.744	4.780	3.358	1.403	1.331	1.772	0.418	TOTAL
MEAN	0.053	0.037	0.036	0.283	1.10	0.458	0.154	0.108	0.047	0.043	0.059	0.013	MEAN
MAX	0.067	0.040	0.040	1.35	2.53	1.64	0.830	0.420	0.082	0.056	0.118	0.035	MAX
MIN	0.039	0.029	0.030	0.032	0.531	0.168	0.065	0.035	0.030	0.036	0.033	0.003	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.200
MAXIMUM DAILY, 2.53A ON MAY 9
MINIMUM DAILY, 0.003B ON DEC 13
MAXIMUM INSTANTANEOUS,
2.59 AT 23:10 PST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 45 N
LONG 120 55 24 W
DRAINAGE AREA, 29.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	143	JUL	413
FEB	88.4	AUG	290
MAR	95.7	SEP	121
APR	733	OCT	115
MAY	2 940	NOV	153
JUN	1 190	DEC	36.1

TOTAL DISCHARGE, 6 320 dam³

QUAMICHAN LAKE NEAR DUNCAN - STATION NO. 08HA020

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.274	1.196	1.092	1.018	0.879	0.741	---	---	---	1
2	---	---	---	1.274	1.195	1.078	1.016	0.873	0.739	---	---	---	2
3	---	---	---	1.272	1.194	1.074	1.010	0.869	0.737	---	---	---	3
4	---	---	---	1.272	1.194	1.072	1.004	0.863	0.733	---	---	---	4
5	---	---	---	1.270	1.192	1.070	1.000	0.855	0.733	---	---	---	5
6	---	---	---	1.270	1.190	1.074	0.991	0.853	0.731	---	---	---	6
7	---	---	---	1.264	1.190	1.072	0.983	0.849	0.733	---	---	---	7
8	---	---	---	1.260	1.182	1.070	0.961	0.845	0.735	---	---	---	8
9	---	---	---	1.254	1.180	1.076	0.957	0.841	0.737	---	---	---	9
10	---	---	---	1.250	1.174	1.074	0.953	0.837	0.737	---	---	---	10
11	---	---	---	1.248	1.174	1.072	0.951	0.833	0.733	---	---	---	11
12	---	---	---	1.250	1.162	1.070	0.950	0.831	0.731	---	---	---	12
13	---	---	---	1.252	1.154	1.060	0.945	0.822	0.723	---	---	---	13
14	---	---	---	1.250	1.154	1.058	0.945	0.817	0.721	---	---	---	14
15	---	---	---	1.250	1.150	1.056	0.943	0.813	0.717	---	---	---	15
16	---	---	---	1.250	1.146	1.054	0.941	0.811	0.710	---	---	---	16
17	---	---	---	1.246	1.140	1.058	0.939	0.808	0.711	---	---	---	17
18	---	---	---	1.240	1.132	1.058	0.937	0.803	0.707	---	---	---	18
19	---	---	1.342	1.238	1.131	1.060	0.933	0.801	0.703	---	---	---	19
20	---	---	---	1.238	1.130	1.056	0.929	0.797	0.702	---	---	---	20
21	---	---	---	1.234	1.128	1.054	0.923	0.793	0.699	---	---	---	21
22	---	---	---	1.230	1.124	1.050	0.921	0.787	0.703	---	---	---	22
23	---	---	---	1.224	1.122	1.050	0.917	0.783	0.705	---	---	---	23
24	---	---	---	1.220	1.120	1.048	0.915	0.780	0.707	---	---	---	24
25	---	---	---	1.216	1.118	1.042	0.911	0.773	0.713	---	---	---	25
26	---	---	---	1.210	1.116	1.040	0.903	0.769	0.715	---	---	---	26
27	---	---	---	1.204	1.114	1.036	0.901	0.765	0.723	---	---	---	27
28	---	---	---	1.206	1.110	1.030	0.897	0.761	0.729	---	---	---	28
29	---		---	1.202	1.108	1.026	0.893	0.753	0.737	---	---	---	29
30	---		---	1.206	1.104	1.020	0.885	0.741	0.741	---	---	---	30
31	---		---		1.100		0.883	0.743		---		---	31
MEAN	---	---	---	1.242	1.149	1.058	0.948	0.811	0.723	---	---	---	MEAN
MAX	---	---	---	1.274	1.196	1.092	1.018	0.879	0.741	---	---	---	MAX
MIN	---	---	---	1.202	1.100	1.020	0.883	0.741	0.699	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 26 N
LONG 123 40 28 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

QUESNEL LAKE NEAR LIKELY - STATION NO. 08KH011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.692	0.692	0.533	0.442	0.631	2.091	1.743	1.475	0.936	0.643	0.604	0.579	1
2	0.689	0.680	0.530	0.415	0.698	2.106	1.728	1.457	0.930	0.637	0.701	0.555	2
3	0.704	0.668	0.527	0.433	0.744	2.140	1.731	1.442	0.939	0.646	0.707	0.600	3
4	0.707	0.664	0.518	0.442	0.768	2.182	1.737	1.426	0.951	0.631	0.725	0.594	4
5	0.689	0.661	0.521	0.445	0.780	2.204	1.743	1.414	0.936	0.649	0.722	0.570	5
6	0.634	0.648	0.503	0.418	0.811	2.198	1.743	1.390	0.936	0.646	0.725	0.555	6
7	0.707	0.631	0.500	0.418	0.835	2.182	1.731	1.387	0.927	0.640	0.732	0.543	7
8	0.719	0.648	0.485	0.454	0.863	2.173	1.734	1.344	0.905	0.643	0.732	0.515	8
9	0.704	0.600	0.491	0.439	0.878	2.152	1.707	1.329	0.902	0.634	0.728	0.512	9
10	0.661	0.607	0.479	0.457	0.917	2.121	1.673	1.314	0.899	0.628	0.744	0.509	10
11	0.674	0.628	0.463	0.448	0.927	2.103	1.655	1.298	0.875	0.622	0.753	0.491	11
12	0.628	0.613	0.454	0.427	0.914	2.076	1.631	1.277	0.860	0.613	0.738	0.482	12
13	0.616	0.600	0.448	0.454	0.963	2.039	1.594	1.253	0.860	0.604	0.713	0.482	13
14	0.607	0.591	0.460	0.439	0.985	2.015	1.582	1.231	0.814	0.594	0.722	0.512	14
15	0.600	0.594	0.439	0.427	1.015	1.993	1.576	1.219	0.796	0.591	0.725	0.463	15
16	0.607	0.585	0.430	0.418	1.055	1.981	1.551	1.195	0.783	0.576	0.741	0.466	16
17	0.579	0.607	0.448	0.424	1.097	1.957	1.539	1.170	0.786	0.582	0.722	0.451	17
18	0.600	0.607	0.436	0.408	1.143	1.935	1.536	1.152	0.774	0.604	0.716	0.418	18
19	0.585	0.585	0.433	0.405	1.192	1.920	1.542	1.143	0.771	0.570	0.719	0.421	19
20	0.564	0.585	0.421	0.399	1.210	1.893	1.536	1.128	0.762	0.567	0.732	0.411	20
21	0.607	0.588	0.421	0.421	1.314	1.875	1.545	1.113	0.753	0.564	0.728	0.390	21
22	0.567	0.585	0.424	0.424	1.393	1.878	1.539	1.085	0.744	0.555	0.695	0.387	22
23	0.607	0.555	0.418	0.494	1.475	1.887	1.515	1.067	0.732	0.530	0.677	0.399	23
24	0.622	0.552	0.424	0.472	1.554	1.894	1.515	1.036	0.716	0.488	0.668	0.390	24
25	0.643	0.564	0.442	0.530	1.649	1.826	1.506	1.036	0.701	0.546	0.658	0.387	25
26	0.686	0.564	0.430	0.579	1.771	1.804	1.484	1.012E	0.683	0.527	0.640	0.378	26
27	0.677	0.555	0.402	0.582	1.853	1.786	1.478	0.997E	0.692	0.555	0.649	0.360	27
28	0.686	0.555	0.442	0.616	1.911	1.783	1.469	0.985E	0.658	0.543	0.655	0.347	28
29	0.683		0.421	0.613	1.954	1.762	1.490	0.966E	0.652	0.549	0.600	0.332E	29
30	0.695		0.415	0.637	1.984	1.743	1.478	0.954E	0.655	0.561	0.604	0.314E	30
31	0.689		0.442		2.054		1.478	0.942E		0.570		0.296E	31
MEAN	0.649	0.607	0.458	0.466	1.204	1.988	1.597	1.201	0.811	0.591	0.699	0.455	MEAN
MAX	0.719	0.692	0.533	0.637	2.054	2.204	1.743	1.475	0.951	0.649	0.753	0.600	MAX
MIN	0.564	0.552	0.402	0.399	0.631	1.743	1.469	0.942	0.652	0.488	0.600	0.296	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 0.895
MAXIMUM DAILY, 2.204 ON JUN 5
MINIMUM DAILY, 0.296E ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 50 N
LONG 121 32 00 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

QUESNEL RIVER AT LIKELY - STATION NO. 08KH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	97.4	97.4	76.5	63.0	89.9	347	275	222	133	93.0	82.7	86.8	1
2	94.9	97.4	76.5	63.5	99.2	359	273	220	134	90.5	91.7	86.8	2
3	94.9	98.0	75.9	63.5	102	363	275	216	134	90.5	99.2	84.5	3
4	91.7	94.2	74.8	65.2	105	368	275	215	136	88.6	99.2	82.7	4
5	91.7	92.4	72.5	72.5	109	376	275	207	137	88.6	101	82.1	5
6	93.6	88.6	74.2	66.8	114	372	273	199	134	90.5	101	79.9	6
7	94.9	88.6	74.2	64.6	117	369	271	204	133	90.5	103	78.7	7
8	94.9	85.7	71.4	65.7	123	365	271	201	130	91.7	104	77.0	8
9	94.9	82.7	71.4	65.7	123	363	267	197	127	90.5	104	73.1	9
10	98.0	82.7	70.2	68.5	128	354	263	196	123	90.5	104	75.3	10
11	91.7	82.7	68.5	68.5	130	350	263	193	122	88.6	98.0	73.1	11
12	90.5	82.7	66.8	64.6	133	346	253	188	120	86.8	101	71.4	12
13	90.5	83.9	65.7	65.2	137	341	247	187	117	86.8	103	68.5	13
14	89.9	86.8	65.7	65.7	140	335	245	182	116	85.7	103	67.4	14
15	87.4	83.9	65.7	60.3	147	329	243	179	114	84.5	103	65.7	15
16	86.8	82.7	65.2	64.1	155	329	243	177	114	84.5	103	63.5	16
17	82.7	82.7	64.6	60.3	163	325	240	174	112	82.7	101	65.2	17
18	82.7	82.7	65.2	64.1	166	324	237	172	110	82.7	101	67.4	18
19	82.7	82.7	63.0	61.4	173	318	239	169	107	82.7	101	65.7	19
20	79.3	82.1	62.5	60.3	186	306	237	167	107	81.0	101	59.8	20
21	79.9	82.1	65.2	64.1	195	308	237	163	107	79.9	99.2	60.3	21
22	81.0	82.7	60.3	65.7	212	304	237	159	104	78.7	98.0	60.3	22
23	83.3	82.1	63.0	66.8	228	300	235	158	103	78.7	96.7	59.8	23
24	88.6	82.1	60.9	65.7	244	296	232	152	100	77.0	94.9	59.8	24
25	91.1	79.9	62.5	78.2	255	294	232	147	99.2	77.0	94.9	57.6	25
26	82.7	79.9	60.3	79.9	277	288	228	140	98.0	77.0	93.0	54.9	26
27	94.9	78.2	61.4	82.7	299	286	225	140	96.7	77.0	90.5	53.9	27
28	101	77.0	65.7	83.9	310	286	224	138	93.0	75.3	90.5	52.9	28
29	99.8		65.2	84.5	318	283	228	136	93.0	75.3	88.6	52.4	29
30	99.8		63.0	88.6	325	277	227	133	94.9	77.0	88.6	52.4	30
31	94.9		65.7		333		226	130		81.0		50.9	31
TOTAL	2 808.1	2 384.6	2 083.7	2 053.6	5 636.1	9 861	7 696	5 460	3 448.8	2 604.8	2 939.7	2 089.8	TOTAL
MEAN	90.6	85.2	67.2	68.5	182	329	248	176	115	84.0	98.0	67.4	MEAN
MAX	101	98.0	76.5	88.6	333	376	275	222	137	93.0	104	86.8	MAX
MIN	79.3	77.0	60.3	60.3	89.9	277	224	130	93.0	75.3	82.7	50.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 134
MAXIMUM DAILY, 376 ON JUN 5
MINIMUM DAILY, 50.9 ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 36 54 N
LONG 121 34 15 W
DRAINAGE AREA, 5 930 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	243 000	JUL	665 000
FEB	206 000	AUG	472 000
MAR	180 000	SEP	298 000
APR	177 000	OCT	225 000
MAY	487 000	NOV	254 000
JUN	852 000	DEC	181 000

TOTAL DISCHARGE, 4 240 000 dam³

QUESNEL RIVER NEAR QUESNEL - STATION NO. 08KH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	187	157	126	123	210	724	428	361	213	145	187	141	1
2	182	150	127	124	224	710	426	355	212	144	188	139	2
3	177	148	127	123	236	691	433	348	215	142	176	138	3
4	174	146	128	122	245	693	441	343	217	142	184	136	4
5	169	145	124	121	246	686	454	333	215	139	194	133	5
6	173	144	121	119	251	664	456	318	213	139	197	130	6
7	167	141	116	119	253	654	449	313	207	142	205	127	7
8	164	141	113	118	257	642	447	311	204	153	202	124	8
9	160	147	111	118	262	606	440	309	199	150	196	122	9
10	155	145	108	119	268	583	405	306	199	145	192	121	10
11	150	144	106	119	273	576	395	300	199	141	190	120	11
12	149	143	103	111	274	550	379	296	197	138	187	117	12
13	148	142	104	114	279	537	371	296	193	136	191	113	13
14	147	141	106	115	293	506	365	296	190	134	194	110	14
15	146	139	107	111	309	504	361	291	186	132	193	108	15
16	146	136	108	113	316	496	375	280	181	130	191	107	16
17	143	136	110	113	342	500	375	270	173	128	189	106	17
18	142	137	109	118	354	501	376	266	176	129	188	106	18
19	139	136	109	122	401	500	376	261	181	130	184	105	19
20	138	136	109	126	441	489	380	257	184	129	181	102	20
21	136	135	109	128	476	479	390	254	186	127	178	100	21
22	156	134	110	133	500	473	376	250	181	126	175	98.4	22
23	172	134	109	137	520	476	372	245	176	124	164	97.0	23
24	178	133	108	147	558	476	366	237	173	125	159	95.2	24
25	182	131	108	157	611	456	364	226	165	126	157	94.3	25
26	186	130	110	169	659	438	361	225	161	127	155	93.4	26
27	184	128	113	186	724	436	362	219	152	128	155	92.6	27
28	181	126	115	196	728	431	355	217	150	131	150	90.9	28
29	177		117	195	691	428	367	215	145	134	144	90.0	29
30	170		119	197	698	428	379	210	145	139	142	90.9	30
31	165		121		707		364	211		145		94.3	31
TOTAL	5 043	3 905	3 511	4 013	12 606	16 333	12 172	8 616	5 588	4 200	5 348	3 442.0	TOTAL
MEAN	163	139	113	134	407	544	393	278	186	135	178	111	MEAN
MAX	187	157	128	197	728	724	456	361	217	153	205	141	MAX
MIN	136	126	103	111	210	428	355	210	145	124	142	90.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 232
MAXIMUM DAILY, 728 ON MAY 28
MINIMUM DAILY, 90.0 ON DEC 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 50 37 N
LONG 122 13 25 W
DRAINAGE AREA, 11 500 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	436 000	JUL	1 050 000
FEB	337 000	AUG	744 000
MAR	303 000	SEP	483 000
APR	347 000	OCT	363 000
MAY	1 090 000	NOV	462 000
JUN	1 410 000	DEC	297 000

TOTAL DISCHARGE, 7 320 000 dam³

QUINSAM RIVER NEAR CAMPBELL RIVER - STATION NO. 08HD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.2 E	9.30	9.60	6.62	5.95	5.18	3.90	2.35	3.81	6.64	23.0	9.72A	1
2	14.8 A	8.60	9.09	6.58	5.73	4.79	3.72	2.38	3.73	8.95	24.6	15.2 E	2
3	12.9 A	8.13	9.18	6.31	5.42	4.35	3.62	2.26	3.60	8.30	17.5	14.4 A	3
4	9.81A	7.49	8.54	5.71	6.07	4.21	3.31	2.24	3.77	7.66	13.1	18.2 E	4
5	7.77A	7.12	7.71	5.41	6.67	4.48	3.12	2.26	3.93	7.69	10.7	27.4 A	5
6	7.17A	6.81	7.17	6.37	6.94	4.53	2.93	2.22	3.84	9.73	8.87	24.7 E	6
7	6.24A	6.35	6.81	6.33	7.31	3.90	2.88	2.24	3.75	10.2	7.13	21.2 A	7
8	6.66A	6.20	6.41	5.99	7.78	3.93	2.88	2.23	3.82	10.8	5.92	16.8	8
9	6.78A	6.27	6.01	5.52	7.70	3.92	2.84	2.17	3.68	10.4	5.09	14.8	9
10	6.72A	5.85	5.63	5.32	7.33	3.97	2.79	2.12	3.57	9.72	4.40	13.5	10
11	6.06A	5.29	5.41	5.18	7.01	4.56	2.98	2.05	3.49	8.74	7.02	12.1	11
12	5.79A	5.10	5.03	5.15	6.38	4.97	2.92	2.00	3.45	7.91	13.5	11.0	12
13	5.82A	5.79	4.81	5.19	5.93	5.42	2.90	1.95	3.42	7.07	13.8	10.3	13
14	5.35A	6.98	4.49	5.06	6.05	5.76	2.87	1.92	3.30	6.20	14.1	10.3	14
15	4.95A	7.46	4.45	4.95	6.93	5.72	2.75	1.88	3.28	5.02	17.9	10.4	15
16	4.75A	10.7	4.46	4.88	8.27	5.49	2.72	1.89	3.23	4.55	17.2	10.4 A	16
17	4.60A	15.1	4.28	4.87	8.17	5.21	2.62	1.85	3.20	4.28	14.6	10.2 E	17
18	4.75A	16.6	4.05	4.74	7.80	5.32	2.57	1.84	3.40	4.14	12.7	14.0 E	18
19	13.7 A	23.1	3.88	4.65	7.55	5.45	2.56	1.86	3.17	3.96	11.3	34.2 E	19
20	15.2 A	26.0	3.71	4.42	7.40	5.05	2.53	1.83	3.50	3.76	10.7	17.2 E	20
21	26.9 A	23.5	3.53	4.43	6.87	4.95	2.46	1.82	4.65	3.49	13.0	11.8 E	21
22	38.5 E	18.7	3.50	4.49	6.43	5.00	2.40	1.85	4.61	3.44	13.0	11.1 E	22
23	34.3 E	14.9	3.69	5.39	6.07	5.81	2.36	1.92	4.69	3.24	12.2	9.80E	23
24	30.4 E	13.2	3.63	8.01	5.84	5.48	2.31	1.95	4.44	3.08	11.1	8.62E	24
25	16.9 A	11.6	3.85	8.07	5.75	5.32	2.27	2.35	3.97	3.08	9.84	7.45E	25
26	15.6 A	10.9	3.81	7.38	6.47	5.02	2.22	2.09	3.57	3.17	9.85	6.70E	26
27	15.3	10.4	3.64	6.59	6.95	4.58	2.15	2.09	3.85	3.77	9.01	5.98E	27
28	13.6	10.1	3.53	6.34	6.81	4.15	2.18	2.19	3.81	5.25	8.06	5.43E	28
29	12.2		5.36	6.21	6.34	4.01	2.38	2.52	3.68	6.26	7.39	4.82E	29
30	11.1		6.33	6.14	5.94	3.98	2.33	2.81	4.24	7.17	7.38A	4.40E	30
31	10.1		6.63		5.65		2.34	3.29		14.4		4.05E	31
TOTAL	393.92	307.46	168.22	172.30	207.51	144.51	84.81	66.38	112.45	202.07	353.96	396.17	TOTAL
MEAN	12.7	11.0	5.43	5.74	6.69	4.82	2.74	2.14	3.75	6.52	11.8	12.8	MEAN
MAX	38.5	26.0	9.60	8.07	8.27	5.81	3.90	3.29	4.69	14.4	24.6	34.2	MAX
MIN	4.60	5.10	3.50	4.42	5.42	3.90	2.15	1.82	3.17	3.08	4.40	4.05	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.15
MAXIMUM DAILY, 38.5E ON JAN 22
MINIMUM DAILY, 1.82 ON AUG 21
MAXIMUM INSTANTANEOUS,
40.6 ON JAN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 45 N
LONG 125 17 55 W
DRAINAGE AREA, 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 000	JUL	7 330
FEB	26 600	AUG	5 740
MAR	14 500	SEP	9 720
APR	14 900	OCT	17 500
MAY	17 900	NOV	30 600
JUN	12 500	DEC	34 200

TOTAL DISCHARGE, 225 000 dam³

RASPBERRY CREEK NEAR THE MOUTH - STATION NO. 10CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010B	0B	0B	0 B	0.032B	2.65 E	0.359	0.027	0.034	0.012	0.092B	0.066B	1
2	0.009B	0B	0B	0 B	0.050E	3.70 E	0.293	0.025	0.036	0.011	0.087B	0.064B	2
3	0.008B	0B	0B	0.001B	0.100E	3.45 E	0.242	0.021	0.034	0.013	0.096B	0.063B	3
4	0.008B	0B	0B	0.001B	0.350E	3.20 E	0.190	0.018	0.032	0.015	0.085B	0.056B	4
5	0.008B	0B	0B	0.001B	0.900E	2.98 E	0.157	0.015	0.031	0.012	0.105B	0.059B	5
6	0.008B	0B	0B	0.001B	1.40 E	2.75 E	0.142	0.011	0.028	0.014	0.108B	0.058B	6
7	0.007B	0B	0B	0.001B	2.50 E	2.52 E	0.125	0.008	0.029	0.025	0.097B	0.041B	7
8	0.006B	0B	0B	0.002B	3.45 E	2.35 E	0.110	0.007	0.028	0.032	0.083B	0.045B	8
9	0.006B	0B	0B	0.002B	2.77 E	2.15 E	0.095	0.005	0.026	0.045	0.079B	0.046B	9
10	0.006B	0B	0B	0.002B	2.26 E	1.98 E	0.081	0.005	0.024	0.050	0.082B	0.047B	10
11	0.006B	0B	0B	0.002B	2.21 E	1.82 A	0.073	0.003	0.021	0.051	0.086B	0.039B	11
12	0.006B	0B	0B	0.002B	2.15 E	1.57	0.063	0.002	0.018	0.046	0.089B	0.032B	12
13	0.006B	0B	0B	0.002B	2.10 E	1.34	0.053	0.001	0.016	0.045	0.083B	0.026B	13
14	0.005B	0B	0B	0.001B	2.00 E	1.16	0.060	0.001	0.017	0.051	0.077B	0.026B	14
15	0.004B	0B	0B	0.001B	1.92 E	1.38	0.060	0	0.012	0.061	0.072B	0.029B	15
16	0.003B	0B	0B	0.001B	1.84 E	1.48	0.056	0	0.010	0.088	0.067B	0.029B	16
17	0.002B	0B	0B	0.001B	1.77 E	1.50	0.049	0	0.012	0.109	0.067B	0.030B	17
18	0.002B	0B	0B	0.001B	1.72 E	1.41	0.043	0	0.013	0.107	0.066B	0.033B	18
19	0.002B	0B	0B	0.002B	1.68 E	1.22	0.055	0.002	0.011	0.105	0.068B	0.034B	19
20	0.003B	0B	0B	0.004B	1.64 E	1.20	0.048	0.007	0.011	0.096B	0.072B	0.039B	20
21	0.003B	0B	0B	0.005B	1.62 E	1.16	0.052	0.003	0.014	0.089B	0.065B	0.035B	21
22	0.002B	0B	0B	0.005B	1.51 E	0.983	0.058	0.001	0.010	0.087B	0.060B	0.031B	22
23	0.002B	0B	0B	0.006B	1.41 E	0.896	0.054	0	0.009	0.091B	0.056B	0.029B	23
24	0.002B	0B	0B	0.006B	1.32 E	0.792	0.046	0	0.008	0.089B	0.056B	0.027B	24
25	0.001B	0B	0B	0.008B	1.24 E	0.746	0.043	0	0.011	0.083B	0.061B	0.030B	25
26	0.001B	0B	0B	0.016B	1.19 E	0.697	0.037	0.004	0.011	0.079B	0.064B	0.026B	26
27	0 B	0B	0B	0.022B	1.80 E	0.589	0.032	0.025	0.010	0.081B	0.065B	0.022B	27
28	0 B	0B	0B	0.027B	2.90 E	0.553	0.031	0.037	0.013	0.080B	0.071B	0.018B	28
29	0 B		0B	0.028B	2.60 A	0.476	0.030	0.037	0.013	0.079B	0.073B	0.012B	29
30	0 B		0B	0.030B	2.40 E	0.407	0.029	0.035	0.010	0.082B	0.064B	0.007B	30
31	0 B		0B		2.10 E		0.027	0.031		0.094B		0.004B	31
TOTAL	0.126	0	0	0.181	52.932	49.109	2.793	0.331	0.552	1.922	2.296	1.103	TOTAL
MEAN	0.004	0	0	0.006	1.71	1.64	0.090	0.011	0.018	0.062	0.077	0.036	MEAN
MAX	0.010	0	0	0.030	3.45	3.70	0.359	0.037	0.036	0.109	0.108	0.066	MAX
MIN	0	0	0	0	0.032	0.407	0.027	0	0.008	0.011	0.056	0.004	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.305
MAXIMUM DAILY, 3.70E ON JUN 2
MINIMUM DAILY, 0B ON JAN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 53 38 N
LONG 123 19 09 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10.9	JUL	241
FEB	0	AUG	28.6
MAR	0	SEP	47.7
APR	15.6	OCT	166
MAY	4 570	NOV	198
JUN	4 240	DEC	95.3

TOTAL DISCHARGE, 9 610 dam³

RATCHFORD CREEK AT 600 m CONTOUR - STATION NO. 08LE086

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.89	3.69	3.16	5.82	33.3	35.5	37.9	19.0	26.6	31.0	16.7	3.09	1
2	5.82	3.37	3.11	5.22	27.3	38.8	34.8	14.8	29.7	40.0	15.3	3.15	2
3	5.17	3.23	3.22	4.84	21.6	36.5	36.5	14.1	16.4	19.7	12.4	3.01	3
4	5.13	3.15	3.58	4.34	16.0	40.8	39.4	14.4	18.5	13.4	9.80	2.85	4
5	4.72	3.05	3.29	4.09	15.0	34.6	33.8	12.8	16.1	10.0	7.99	3.01	5
6	4.42	3.14	2.89	3.81	11.8	42.5	29.1	12.1	11.5	9.78	6.71	3.23	6
7	4.24	3.03	2.88	3.50	11.0	30.5	25.1	12.1	9.83	19.5	5.89	2.90	7
8	4.05	2.99B	2.80	3.37	11.6	24.5	20.0	13.0	9.98	16.9	5.40	2.75	8
9	3.71	2.75B	2.71	3.20	14.9	25.8	17.2	12.6	9.88	13.5	4.96	2.67B	9
10	3.54	2.60B	2.68	3.17	18.4	23.9	20.2	11.5	10.1	10.7	4.60	2.61B	10
11	3.20B	2.80B	2.68	3.11	18.1	22.9	27.9	11.7	8.41	8.86	4.57	2.65B	11
12	2.95B	2.95B	2.73	2.79	19.5	22.0	24.4	11.4	7.19	7.48	12.5	2.70B	12
13	2.80B	3.05B	2.92	2.59	22.6	21.6	24.4	10.2	6.17	6.58	9.65	2.67B	13
14	2.58B	3.18	3.02	2.58	26.0	25.8	27.7	9.39	5.58	6.00	7.41	2.55B	14
15	2.40B	2.98	3.11	2.81	28.7	28.6	26.8	9.73	5.69	5.68	6.77	2.50B	15
16	3.00B	3.51	4.64	3.45	28.9	37.5	26.6	9.35	6.38	5.89	6.81	2.49	16
17	3.82B	4.75	4.64	3.89	30.7	29.4	26.9	11.6	6.74	5.77	5.51	2.41B	17
18	3.40B	4.79	4.00	4.32	34.7	22.8	26.8	9.61	7.05	5.40	5.14	2.40	18
19	2.80B	4.70	3.58	5.74	40.5	23.1	24.2	8.92	10.0	5.21	4.72	2.24	19
20	2.69	4.50	3.23	8.40	43.8	27.4	22.2	13.7	7.84	4.70	4.60	2.19	20
21	2.92	4.25	3.15	11.1	42.7	26.9	30.8	11.3	7.09	4.22	4.84	2.00	21
22	4.75	3.91	3.42	12.0	57.7	25.5	26.0	8.47	6.60	3.94	4.97	1.85	22
23	8.93	3.72	3.61	18.8	50.9	32.5	23.2	8.09	8.00	3.77	4.76	1.75	23
24	10.9	3.98	3.5.	32.5	46.5	31.4	26.2	8.53	7.26	3.88	4.43	1.69	24
25	7.72	4.07	3.62	22.8	51.1	31.4	22.2	9.37	6.29	4.50	4.25	1.68	25
26	6.31	3.82	3.67	15.7	53.2	38.2	18.4	8.72	5.54	7.42	3.92	1.66	26
27	5.61	3.47	3.82	12.1	38.2	29.4	19.7	7.41	5.05	9.57	3.30	1.61	27
28	5.16	3.24	3.96	12.0	30.5	24.9	23.9	6.23	7.40	16.0	3.26	1.51	28
29	4.62		4.79	15.1	33.2	27.6	18.8	7.46	8.45	14.2	3.09	1.40	29
30	4.19		5.42	19.6	44.6	38.5	18.7	7.50	7.99	10.2	3.06	1.17B	30
31	3.96		5.62		55.9		23.3	6.50		10.7		1.15B	31
TOTAL	142.40	98.67	109.48	252.74	976.9	901.9	803.1	331.58	299.31	334.45	196.91	71.54	TOTAL
MEAN	4.59	3.52	3.53	8.42	31.5	30.1	25.9	10.7	9.98	10.8	6.56	2.31	MEAN
MAX	10.9	4.79	5.62	32.5	57.7	42.5	39.4	19.0	29.7	40.0	16.7	3.23	MAX
MIN	2.40	2.60	2.68	2.58	11.0	21.6	17.2	6.23	5.05	3.77	3.06	1.15	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 57.7 ON MAY 22
MINIMUM DAILY, 1.15B ON DEC 31
MAXIMUM INSTANTANEOUS,
67.2 AT 04:00 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 54 N
LONG 118 48 23 W
DRAINAGE AREA, 253 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 300	JUL	69 400
FEB	8 530	AUG	28 600
MAR	9 460	SEP	25 900
APR	21 800	OCT	28 900
MAY	84 400	NOV	17 000
JUN	77 900	DEC	6 180

TOTAL DISCHARGE, 390 000 dam³

REDFISH CREEK NEAR HARROP - STATION NO. 08NJ061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.631	0.249	0.210	0.263	2.56	3.91	4.42	0.804	0.413	0.392	0.608	0.297	1
2	0.586	0.255	0.207	0.249	1.91	3.88	3.28	0.742	0.292	0.920	0.587	0.306	2
3	0.544	0.249	0.204	0.244	1.43	4.56	3.88	0.677	0.238	0.523	0.569	0.288	3
4	0.501	0.249	0.207	0.232	1.22	5.80	4.62	0.626	0.266	0.430	0.536	0.273	4
5	0.473	0.244	0.210	0.235	1.04	4.45	4.93	0.583	0.252	0.373	0.498	0.287	5
6	0.450	0.235B	0.201	0.229	0.900	4.73	5.07	0.547	0.221	0.767	0.477	0.298	6
7	0.425	0.227B	0.198	0.221	0.804	3.43	4.76	0.507	0.204	0.915	0.449	0.279	7
8	0.399	0.224B	0.193	0.212	0.793	2.86	2.83	0.473	0.195	0.819	0.433	0.266	8
9	0.379	0.221B	0.190	0.215	0.793	2.82	2.38	0.425	0.187	0.697	0.415	0.285	9
10	0.357	0.224B	0.190	0.210	0.875	2.75	2.11	0.394	0.173	0.611	0.392	0.354	10
11	0.340	0.221B	0.190	0.207	0.966	2.37	2.00	0.365	0.167	0.555	0.411	0.300	11
12	0.328	0.218B	0.195	0.201	1.00	2.08	1.99	0.334	0.159	0.507	0.622	0.263	12
13	0.317	0.215B	0.198	0.193	1.08	2.15	2.51	0.314	0.156	0.470	0.525	0.284	13
14	0.309	0.218B	0.204	0.195	1.45	2.10	2.83	0.303	0.147	0.452	0.495	0.261B	14
15	0.294	0.221B	0.215	0.224	2.17	2.54	2.31	0.286	0.147	0.440	0.489	0.246B	15
16	0.286	0.224B	0.235	0.252	1.77	4.45	2.10	0.272	0.142	0.439	0.467	0.238B	16
17	0.283	0.232B	0.235	0.244	1.78	2.94	2.00	0.261	0.136	0.422	0.444	0.232B	17
18	0.280	0.280	0.229	0.275	2.17	2.49	2.10	0.252	0.127	0.412	0.427	0.230	18
19	0.272	0.309	0.224	0.314	3.00	2.53	2.45	0.328	0.167	0.405	0.401	0.235	19
20	0.269	0.297	0.224	0.362	3.96	2.57	2.37	0.402	0.164	0.381	0.385	0.231	20
21	0.266	0.269	0.218	0.377	4.25	2.34	2.03	0.283	0.215	0.356	0.391	0.220	21
22	0.280	0.252	0.235	0.447	4.84	2.44	1.91	0.258	0.218	0.342	0.396	0.215	22
23	0.314	0.249	0.235	0.818	4.59	2.68	1.85	0.244	0.195	0.333	0.372	0.215B	23
24	0.326	0.249	0.232	1.55	5.21	2.55	1.89	0.227	0.194	0.326	0.328	0.210	24
25	0.300	0.241	0.232	1.06	6.37	3.09	2.03	0.215	0.183	0.328	0.325	0.206	25
26	0.292	0.229	0.235	0.867	6.09	4.11	1.56	0.201	0.174	0.455	0.308	0.203	26
27	0.283	0.221	0.232	0.818	5.10	4.08	1.39	0.193	0.188	0.781	0.294	0.199	27
28	0.280	0.215	0.235	0.926	4.87	3.26	1.31	0.187	0.508	0.779	0.293	0.196	28
29	0.275		0.261	0.923	4.73	3.43	1.14	0.201	0.614	0.679	0.297	0.193	29
30	0.269		0.255	1.38	5.32	4.53	0.997	0.224	0.366	0.602	0.287	0.189	30
31	0.261		0.252		5.58		0.889	0.198		0.574		0.185	31
TOTAL	10.869	6.737	6.781	13.903	88.627	97.92	77.936	11.326	6.808	16.485	12.921	7.684	TOTAL
MEAN	0.351	0.241	0.219	0.465	2.86	3.26	2.51	0.365	0.227	0.532	0.431	0.248	MEAN
MAX	0.631	0.309	0.261	1.55	6.37	5.80	5.07	0.804	0.614	0.920	0.622	0.354	MAX
MIN	0.261	0.215	0.190	0.193	0.793	2.08	0.889	0.187	0.127	0.326	0.287	0.185	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.981
MAXIMUM DAILY, 6.37 ON MAY 25
MINIMUM DAILY, 0.127 ON SEP 18
MAXIMUM INSTANTANEOUS,
8.70 AT 21:35 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 20 N
LONG 117 03 15 W
DRAINAGE AREA, 26.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	939	JUL	6 730
FEB	582	AUG	979
MAR	586	SEP	588
APR	1 200	OCT	1 420
MAY	7 660	NOV	1 120
JUN	8 460	DEC	664

TOTAL DISCHARGE, 30 900 dam³

ROBERTS CREEK AT ROBERTS CREEK - STATION NO. 08GA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90	0.368	0.592	2.59	0.997	0.397	0.494	0.109	0.961	1.90	8.04	1.56	1
2	1.49	0.407	0.449	1.61	0.834	0.387	0.358	0.105	0.261	2.15	2.15	0.906	2
3	1.14	0.387	1.06	1.61	1.40	0.397	0.349	0.105	0.142	1.27	1.36	1.61	3
4	0.834	0.368	1.29	1.38	2.82	0.618	0.269	0.101	0.194	0.870	0.979	1.31	4
5	0.800	0.349	1.31	1.65	2.15	0.961	0.235	0.101	0.157	0.592	0.736	11.0	5
6	0.767	0.320	0.888	1.90	1.40	0.752	0.221	0.094	0.142	2.21	0.631	8.13	6
7	0.784	0.303	0.657	1.31	1.36	0.579	0.201	0.094	0.112	5.61	0.438	5.46	7
8	0.644	0.294	0.720	1.18	1.42	0.505	0.194	0.094	0.098	4.16	0.416	3.16	8
9	0.494	0.278	0.705	1.65	1.38	0.378	0.187	0.087	0.094	4.16	0.387	2.51	9
10	0.540	0.228	0.416	1.25	1.23	0.378	0.221	0.079	0.098	1.85	0.358	5.99	10
11	0.494	0.184B	0.368	1.85	0.997	0.631	0.235	0.077	0.090	1.20	7.19	3.57	11
12	0.416	0.170B	0.387	1.44	0.784	0.358	0.194	0.077	0.090	0.942	3.57	2.03	12
13	0.407	0.852	0.407	1.18	0.720	0.397	0.194	0.077	0.079	0.592	2.44	1.65	13
14	0.387	2.51	0.397	1.10	0.784	0.387	0.194	0.079	0.072	0.416	2.15	1.25	14
15	0.358	2.59	0.494	0.997	1.56	0.358	0.194	0.077	0.070	0.397	4.16	1.08	15
16	0.358	5.28	1.36	0.961	0.961	1.08	0.194	0.077	0.070	0.349	4.16	0.906	16
17	0.358	3.57	0.705	0.852	0.888	0.705	0.187	0.079	0.068	0.303	2.59	0.736	17
18	0.368	5.99	0.407	0.768	0.870	0.644	0.187	0.077	0.066	0.286	2.44	0.736	18
19	0.592	7.62	0.358	0.720	0.816	1.85	0.187	0.077	0.116	0.261	1.85	7.19	19
20	0.720	2.59	0.358	1.02	0.720	0.888	0.187	0.079	0.094	0.228	3.92	2.48	20
21	1.16	2.44	0.349	1.42	0.592	0.768	0.187	0.079	1.85	0.215	5.99	1.54	21
22	1.08	1.73	0.387	4.16	0.579	0.631	0.187	0.077	1.04	0.194	6.78	1.16	22
23	0.816	1.51	0.416	3.75	0.427	0.752	0.181	0.077	2.15	0.174	6.37	0.906	23
24	0.705	1.54	0.505	2.55	0.407	0.689	0.181	0.079	0.494	0.167	3.06	0.997	24
25	0.527	1.20	3.57	1.61	5.01	0.397	0.181	0.090	0.438	0.167	1.85	0.915E	25
26	0.407	0.979	1.18	0.942	1.75	0.397	0.167	0.090	0.397	0.162	1.63	0.835E	26
27	0.397	0.888	0.705	0.888	1.04	0.368	0.162	0.077	0.527	0.320	1.20	0.752	27
28	0.460	0.768	0.416	1.78	0.768	0.358	0.122	0.077	4.87	6.37	0.961	0.657	28
29	0.657		1.16	1.36	0.631	0.768	0.112	0.077	1.16	3.57	0.816	0.579	29
30	0.407		2.59	1.08	0.631	0.720	0.112	0.098	1.78	1.61	0.720	0.527	30
31	0.320		4.16		0.471		0.109	0.098		8.04		0.397	31
TOTAL	20.787	45.673	28.766	46.558	36.377	18.498	6.383	2.664	17.780	50.735	79.342	72.529	TOTAL
MEAN	0.671	1.63	0.928	1.55	1.17	0.617	0.206	0.086	0.593	1.64	2.64	2.34	MEAN
MAX	1.90	7.62	4.16	4.16	5.01	1.85	0.494	0.109	4.87	8.04	8.04	11.0	MAX
MIN	0.320	0.170	0.349	0.720	0.407	0.358	0.109	0.077	0.066	0.162	0.358	0.397	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 11.0 ON DEC 5
MINIMUM DAILY, 0.066 ON SEP 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 15 N
LONG 123 38 20 W
DRAINAGE AREA, 32.6 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 800	JUL	551
FEB	3 950	AUG	230
MAR	2 490	SEP	1 540
APR	4 020	OCT	4 380
MAY	3 140	NOV	6 860
JUN	1 600	DEC	6 270

TOTAL DISCHARGE, 36 800 dam³

ROCK CREEK NEAR ROCK CREEK - STATION NO. 08NN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.796	4.86	4.33	1.45	0.762	0.264	---	---	---	1
2	---	---	---	0.704	4.86	3.42	1.45	0.861	0.264	---	---	---	2
3	---	---	---	0.704	3.13	3.42	1.13	0.861	0.264	---	---	---	3
4	---	---	---	0.655	3.13	3.42	0.985	0.687	0.326	---	---	---	4
5	---	---	---	0.704	2.88	3.42	1.13	0.534	0.264	---	---	---	5
6	---	---	---	0.740	2.64	3.42	1.13	0.534	0.264	---	---	---	6
7	---	---	---	0.685	2.64	3.42	1.13	0.412	0.257	---	---	---	7
8	---	---	---	0.685	2.21	3.42	1.45	0.412	0.257	---	---	---	8
9	---	---	---	0.685	2.21	3.42	1.45	0.412	0.257	---	---	---	9
10	---	---	---	0.685	2.42	3.96	1.45	0.318	0.257	---	---	---	10
11	---	---	---	0.610	2.64	3.42	1.13	0.318	0.249	---	---	---	11
12	---	---	---	0.610	2.64	3.42	1.13	0.318	0.249	---	---	---	12
13	---	---	---	0.610	3.13	3.42	1.13	0.326	0.249	---	---	---	13
14	---	---	---	0.610	2.88	2.57	1.13	0.422	0.244	---	---	---	14
15	---	---	---	0.610	3.13	2.57	1.13	0.326	0.244	---	---	---	15
16	---	---	---	0.777	4.86	2.57	0.985	0.326	0.244	---	---	---	16
17	---	---	---	0.869	4.25	2.57	0.861	0.326	0.244	---	---	---	17
18	---	---	---	0.954	5.48	2.57	0.861	0.326	0.239	---	---	---	18
19	---	---	---	1.06	6.74	2.57	0.861	0.326	0.239	---	---	---	19
20	---	---	---	1.43	7.08	2.57	0.861	0.326	0.239	---	---	---	20
21	---	---	---	1.56	9.23	2.57	0.861	0.326	0.239	---	---	---	21
22	---	---	---	1.71	7.73	2.57	0.762	0.335	0.303	---	---	---	22
23	---	---	---	2.25	8.04	2.17	0.861	0.257	0.393	---	---	---	23
24	---	---	---	3.18	8.38	1.80	1.13	0.257	0.335	---	---	---	24
25	---	---	---	3.45	10.4	1.91	1.28	0.257	0.326	---	---	---	25
26	---	---	---	2.68	10.7	1.45	1.13	0.257	0.326	---	---	---	26
27	---	---	---	2.68	5.78	1.45	0.985	0.257	0.326	---	---	---	27
28	---	---	---	2.25	5.79	1.45	0.861	0.257	0.326	---	---	---	28
29	---		---	2.21	5.28	1.45	0.861	0.257	0.318	---	---	---	29
30	---		---	2.64	5.28	1.45	0.861	0.257	0.318	---	---	---	30
31	---		0.773		5.79		0.762	0.345		---		---	31
TOTAL	---	---	---	39.793	156.21	82.17	33.188	12.195	8.324	---	---	---	TOTAL
MEAN	---	---	---	1.33	5.04	2.74	1.07	0.393	0.277	---	---	---	MEAN
MAX	---	---	---	3.45	10.7	4.33	1.45	0.861	0.393	---	---	---	MAX
MIN	---	---	---	0.610	2.21	1.45	0.762	0.257	0.239	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 10.7 ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 20 N
LONG 118 59 58 W
DRAINAGE AREA, 280 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 870
FEB	---	AUG	1 050
MAR	---	SEP	719
APR	3 440	OCT	---
MAY	13 500	NOV	---
JUN	7 100	DEC	---

ROSS RESERVOIR NEAR NEWHALEM - STATION NO. 08PA009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.066	27.533	27.283	24.494	22.080	29.681	31.288	31.205	30.486	29.069	28.986	27.600	1
2	28.066	27.493	27.264	24.372	22.467	29.977	31.327	31.251	30.404	29.160	29.038	27.475	2
3	28.057	27.438	27.206	24.280	22.641	30.282	31.333	31.263	30.294	29.224	29.084	27.240	3
4	28.020	27.395	27.127	24.143	22.805	30.504	31.346	31.269	30.218	29.282	29.044	27.078	4
5	27.996	27.365	27.088	24.113	22.988	30.794	31.330	31.279	30.218	29.282	29.014	27.152	5
6	28.011	27.264	27.066	23.982	23.086	31.193	31.212	31.266	30.233	29.371	29.011	27.145	6
7	28.029	27.289	27.008	23.832	23.134	31.242	31.199	31.291	30.230	29.486	29.032	27.030	7
8	28.005	27.334	26.984	23.634	23.223	31.224	31.163	31.312	30.145	29.548	29.087	26.923	8
9	28.017	27.231	26.975	23.470	23.290	31.181	31.166	31.315	30.084	29.550	29.054	26.807	9
10	27.956	27.091	26.966	23.275	23.369	31.221	31.184	31.306	30.072	29.547	29.041	26.722	10
11	27.944	26.914	26.859	23.104	23.491	31.236	31.212	31.285	30.041	29.535	29.063	26.594	11
12	27.901	26.899	26.813	22.942	23.610	31.239	31.208	31.239	30.084	29.431	29.121	26.469	12
13	27.856	26.920	26.771	22.753	23.747	31.208	31.181	31.227	30.126	29.337	29.145	26.383	13
14	27.843	26.932	26.722	22.577	23.811	31.212	31.256	31.190	30.129	29.310	29.172	26.228	14
15	27.798	27.021	26.618	22.406	23.973	31.236	31.251	31.193	30.114	29.194	29.175	25.990	15
16	27.728	27.295	26.533	22.165	24.058	31.272	31.248	31.218	30.065	29.096	29.136	25.807	16
17	27.664	27.581	26.447	21.940	24.262	31.242	31.303	31.196	29.986	29.078	28.996	25.567	17
18	27.648	27.783	26.380	21.717	24.405	31.202	31.352	31.187	29.937	29.038	28.865	25.369	18
19	27.530	27.868	26.304	21.473	24.576	31.218	31.413	31.141	29.992	28.941	28.767	25.265	19
20	27.444	27.895	26.240	21.208	24.835	31.272	31.340	31.080	29.983	28.877	28.727	25.161	20
21	27.359	27.907	26.167	21.007	25.091	31.315	31.251	31.029	29.895	28.767	28.605	24.933	21
22	27.304	27.898	26.091	20.864	25.372	31.276	31.279	31.026	29.834	28.715	28.453	24.613	22
23	27.341	27.789	25.957	20.790	25.701	31.272	31.297	31.050	29.803	28.572	28.288	24.332	23
24	27.472	27.554	25.823	20.915	26.106	31.263	31.318	30.983	29.773	28.557	28.109	24.216	24
25	27.542	27.423	25.759	20.925	26.731	31.282	31.349	30.891	29.678	28.575	28.036	24.116	25
26	27.597	27.386	25.621	20.989	27.252	31.309	31.376	30.742	29.611	28.578	28.042	23.945	26
27	27.566	27.368	25.436	20.909	27.624	31.309	31.355	30.660	29.569	28.679	27.996	23.799	27
28	27.584	27.334	25.240	20.992	27.971	31.306	31.373	30.602	29.441	28.764	27.984	23.558	28
29	27.578		24.984	21.245	28.380	31.266	31.349	30.596	29.285	28.749	27.968	23.217	29
30	27.548		24.713	21.568	28.901	31.303	31.282	30.605	29.127	28.746	27.764	22.912	30
31	27.505		24.564		29.355		31.208	30.480		28.886		22.604	31
MEAN	27.741	27.400	26.355	22.403	24.785	31.083	31.282	31.077	29.962	29.063	28.727	25.556	MEAN
MAX	28.066	27.907	27.283	24.494	29.355	31.315	31.413	31.315	30.486	29.550	29.175	27.600	MAX
MIN	27.304	26.899	24.564	20.790	22.080	29.681	31.163	30.480	29.127	28.557	27.764	22.604	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 27.956
MAXIMUM DAILY, 31.413 ON JUL 19
MINIMUM DAILY, 20.790 ON APR 23

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 43 58 N
LONG 121 04 02 W

REGULATED SINCE 1940

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 457.200 m ADJUSTMENT TO CONVERT TO CITY OF SEATTLE ROSS DAM DATUM

RUSTY CREEK NEAR THE MOUTH - STATION NO. 08MD030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.227E	0.040E	0.042E	0.018	---	---	---	1
2	---	---	---	0.008	---	0.173	0.037E	0.040E	0.018	0.009	---	---	2
3	---	---	---	---	---	0.142E	0.034	0.037E	0.017	---	---	---	3
4	---	---	---	---	---	0.113E	0.033	0.033	0.017E	---	---	---	4
5	---	---	---	---	---	0.085E	0.033	0.031	0.017E	---	---	---	5
6	---	---	---	---	---	0.071E	0.030	0.030	0.017E	---	---	---	6
7	---	---	---	---	---	0.068E	0.059	0.029	0.017E	---	---	---	7
8	---	---	---	---	---	0.065E	0.059	0.028	0.017	---	---	---	8
9	---	---	---	---	---	0.065E	0.054	0.027E	0.017	---	---	---	9
10	---	---	---	---	---	0.071E	0.074	0.025	0.018	---	---	---	10
11	---	---	---	---	---	0.085	0.062E	0.025	0.018	---	---	---	11
12	---	---	---	---	---	0.091E	0.054E	0.023	0.017E	---	---	---	12
13	---	---	---	---	---	0.099E	0.048	0.021	0.016E	---	---	---	13
14	---	---	---	---	0.027	0.108E	0.054	0.021	0.015	---	---	---	14
15	---	---	---	0.013	---	0.113E	0.052	0.020E	0.016	---	---	---	15
16	---	---	---	---	---	0.122	0.050	0.020E	0.016	---	---	---	16
17	---	---	---	---	---	0.130E	0.050	0.019	0.017	---	---	---	17
18	---	---	---	---	---	0.142E	0.051E	0.019	0.016	---	---	---	18
19	---	---	---	---	---	0.142E	0.048E	0.018	0.016E	---	---	---	19
20	---	---	---	---	---	0.136E	0.048	0.018	0.016E	---	---	---	20
21	---	---	---	---	---	0.125E	0.048	0.018	0.015	---	---	---	21
22	---	---	---	---	---	0.105E	0.045	0.020E	0.015	---	---	---	22
23	---	---	---	---	---	0.093E	0.048	0.020	0.015	---	---	---	23
24	---	---	---	---	---	0.085	0.048	0.019	0.014	---	---	---	24
25	---	---	---	---	0.278	0.076E	0.048E	0.019	0.013	---	---	---	25
26	---	---	---	---	---	0.065E	0.048E	0.018	0.012E	---	---	---	26
27	---	---	---	---	---	0.057E	0.048	0.018	0.011E	---	---	---	27
28	---	---	---	---	---	0.051E	0.048	0.017	0.010	---	---	---	28
29	---		---	---	---	0.048E	0.048	0.018E	0.010	---	---	---	29
30	---		---	0.007	---	0.045E	0.048	0.018E	0.009	---	---	---	30
31	---		---		---		0.045	0.018		---		---	31
TOTAL	---	---	---	---	---	2.998	1.492	0.729	0.460	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.100	0.048	0.024	0.015	---	---	---	MEAN
MAX	---	---	---	---	---	0.227	0.074	0.042	0.018	---	---	---	MAX
MIN	---	---	---	---	---	0.045	0.030	0.017	0.009	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 41 46 N
LONG 121 48 44 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	129
FEB	---	AUG	63.8
MAR	---	SEP	39.7
APR	---	OCT	---
MAY	---	NOV	---
JUN	259	DEC	---

SALLOOMT RIVER NEAR HAGENSBORG - STATION NO. 08FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.70E	5.85E	3.40E	3.40E	11.3	14.2	13.4	8.07	7.37	34.0	14.9	4.36	1
2	8.40E	5.70E	3.38A	3.39E	8.40	14.1	15.9	7.77	6.80	11.1	33.8	4.64	2
3	8.00E	5.60E	3.30E	3.40E	7.49	15.4	20.0	7.86	6.00	7.63	24.3	4.37	3
4	7.50E	5.40E	3.25E	3.70E	7.72	14.6	16.3	8.00	5.59	6.09	14.2	4.18	4
5	7.05E	5.30E	3.19E	4.10E	9.14	14.6	13.5	7.91	5.39	5.01	15.7	4.10	5
6	6.56A	5.10E	3.15E	3.85E	11.2	14.5	11.9	8.49	6.08	4.84	13.0	4.14	6
7	6.40E	5.00E	3.13E	3.55E	11.8	11.3	9.92	9.38	6.23	4.88	10.6	3.82	7
8	6.30E	4.80E	3.12E	3.40A	11.6	9.93	9.21	10.0	6.58	5.02	13.1	3.54	8
9	6.25E	4.65E	3.13E	3.43A	11.2	10.2	9.00	10.1	7.66	4.40	21.3	3.45	9
10	6.15E	4.55E	3.17E	3.35	9.21	11.1	10.2	9.97	7.61	3.86	13.4	3.38	10
11	6.10E	4.50E	3.22E	3.27	8.03	12.2	11.2	9.89	7.23	3.52	18.1	3.35	11
12	6.00E	4.60E	3.32E	3.10	8.84	10.8	13.3	9.26	5.62	3.29	15.2	3.23	12
13	5.95E	4.75E	3.45E	3.00	10.7	10.5	14.1	8.42	4.53	3.18	10.6	3.13	13
14	5.85E	5.00E	3.40E	2.98	12.5	11.6	13.7	8.01	4.12	3.19	8.87	3.16	14
15	5.70E	5.25E	3.39E	2.99	13.9	12.2	13.6	7.74	4.28	3.74	7.90	3.01	15
16	5.65E	5.45E	3.35E	3.05	11.1	11.4	13.7	7.19	4.82	5.51	7.21	2.92	16
17	5.70E	5.60E	3.25E	3.01	12.1	10.3	16.1	6.62	5.16	4.09	6.65	2.88	17
18	6.10E	5.75E	3.15E	2.96	13.9	11.1	18.0	6.58	6.38	4.07	6.10	2.91	18
19	8.00E	5.80E	3.05E	3.03	19.6	11.6	16.6	6.96	5.45	3.95	5.66	3.08	19
20	10.7 E	5.75E	3.08E	3.29	20.0	12.9	14.8	6.63	4.23	3.43	5.21	3.46	20
21	10.4 E	5.55E	3.10E	3.54	18.4	11.1	13.0	6.37	3.73	3.16	5.04	3.26	21
22	10.0 E	5.25E	3.17E	4.32	16.7	11.4	11.7	6.29	3.51	3.01	4.87	3.11	22
23	9.10E	4.40E	3.15E	11.7	16.3	11.9	12.1	6.15	3.18	2.86	4.46	3.03	23
24	8.50E	4.00E	3.10E	11.4	20.6	11.8	13.2	6.32	3.10	2.87	4.23	3.13	24
25	7.90E	3.81E	3.09E	7.59	22.4	12.8	13.0	6.25	2.98	4.80	4.10	3.17	25
26	7.25E	3.63E	3.10E	6.31	17.5	12.6	13.8	5.60	2.81	4.04	3.99	3.12	26
27	6.90E	3.50E	3.15E	6.08	13.9	11.9	13.1	5.22	2.69	4.49	3.77	2.93B	27
28	6.70E	3.42E	3.35E	7.94	13.4	11.3	11.4	5.02	3.07	5.00	3.70	2.89B	28
29	6.40E		3.50E	7.42	15.0	14.3	9.55	4.82	2.85	4.33	3.83	2.80B	29
30	6.20E		3.55E	9.90	17.9	14.5	8.96	4.46	31.9	6.80	3.79	2.70B	30
31	6.05E		3.50E		16.1		8.44	6.19		40.6		2.60B	31
TOTAL	222.46	137.96	100.64	142.45	417.93	368.33	402.68	227.54	176.95	206.76	307.58	103.85	TOTAL
MEAN	7.18	4.93	3.25	4.75	13.5	12.3	13.0	7.34	5.90	6.67	10.3	3.35	MEAN
MAX	10.7	5.85	3.55	11.7	22.4	15.4	20.0	10.1	31.9	40.6	33.8	4.64	MAX
MIN	5.65	3.42	3.05	2.96	7.49	9.93	8.44	4.46	2.69	2.86	3.70	2.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.71
MAXIMUM DAILY, 40.6 ON OCT 31
MINIMUM DAILY, 2.60B ON DEC 31
MAXIMUM INSTANTANEOUS,
102 AT 22:20 PST ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 27 N
LONG 126 31 10 W
DRAINAGE AREA, 161 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 200	JUL	34 800
FEB	11 900	AUG	19 700
MAR	8 700	SEP	15 300
APR	12 300	OCT	17 900
MAY	36 100	NOV	26 600
JUN	31 800	DEC	8 970

TOTAL DISCHARGE, 243 000 dam³

SALMO RIVER NEAR SALMO - STATION NO. 08NE074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.1	18.0	20.8	28.9	161	133	87.2	22.0	10.1	9.20	17.0	14.1	1
2	31.1	18.3	20.6	27.8	146	123	68.8	21.0	11.2	14.5	17.6	14.2	2
3	29.4	16.8	20.3	26.9	107	131	62.9	20.2	9.66	13.1	17.2	12.9	3
4	27.9	16.7	20.5	25.2	88.6	129	62.9	19.5	9.51	11.1	17.1	13.0	4
5	26.4	16.3	21.2	25.4	75.3	115	64.3	18.7	9.63	10.3	16.0	13.8	5
6	25.3	16.8	20.3	24.6	67.4	127	79.0	17.5	9.00	13.0	15.3	14.3	6
7	24.2	16.9	19.8	23.5	62.3	108	105	16.5	8.61	20.6	14.8	13.6	7
8	23.3	16.4	19.4	22.9	58.9	94.6	87.2	15.8	8.44	21.2	14.3	13.3	8
9	22.2	15.5	19.3	22.6	59.7	101	73.1	15.1	8.27	19.2	13.9	13.7	9
10	21.4	12.6	19.2	21.6	62.3	106	64.8	14.5	8.07	16.9	13.5	20.6	10
11	20.2	13.6	19.3	21.4	70.2	107	59.7	13.9	7.90	15.1	13.5	18.1	11
12	19.8	15.5	19.8	21.0	70.2	94.3	54.4	13.5	7.93	14.0	16.6	15.0	12
13	19.0	15.7	20.4	20.0	71.1	96.8	58.9	13.1	7.67	13.2	17.5	13.9	13
14	18.3	15.9	21.2	19.7	75.6	93.4	60.3	13.1	7.48	12.6	18.3	16.5	14
15	17.4	16.3	22.2	20.0	111	91.7	54.1	12.9	7.33	12.3 A	18.7	15.6	15
16	16.6	18.7	24.7	22.1	108	94.3	51.0	12.3	7.16	11.9 A	17.5	14.7	16
17	15.9	21.5	25.4	22.9	103	94.3	47.0	12.0	7.19	11.7	17.6	13.4	17
18	17.5	22.0	24.8	24.8	107	87.5	44.5	11.5	7.08	11.3	17.6	13.0B	18
19	16.5	24.7	24.1	28.9	126	94.3	43.6	11.0	7.59	11.2	17.1	12.7B	19
20	16.0	27.2	23.9	34.0	152	117	41.9	12.0	8.30	11.1	17.1	12.5B	20
21	15.8	25.0	23.4	38.2	172	110	39.4	11.5	8.50	10.7	17.6	12.0B	21
22	16.5	23.6	23.9	41.3	177	100	37.4	10.7	8.92	10.5	18.3	11.8	22
23	18.9	23.0	23.9	52.1	161	107	36.0	10.3	8.47	10.5	17.8	11.5	23
24	23.7	23.0	24.0	85.0	169	98.8	35.4	9.88	8.27	10.9	17.1	11.3B	24
25	22.3	23.2	24.3	81.6	189	96.8	33.1	9.66	8.01	10.5	16.0	11.2B	25
26	21.7	22.4	25.6	71.4	222	99.4	30.3	10.0	7.76	10.2	15.6	10.9B	26
27	21.1	21.9	25.3	66.8	171	94.9	28.6	9.57	7.70	11.6	14.4	10.8B	27
28	20.6	21.3	25.7	71.9	155	82.1	27.7	9.12	8.89	15.2	13.8	10.7B	28
29	20.5		26.5	81.0	145	74.5	26.3	9.29	9.85	18.4	14.5	10.6	29
30	19.7		27.4	97.4	147	78.7	25.6	9.63	9.94	16.6	13.9	10.6	30
31	19.1		27.7		179		23.4	9.20		15.8		10.5A	31
TOTAL	661.4	538.8	704.9	1 170.9	3 767.6	3 079.6	1 613.8	414.95	254.43	414.40	487.2	410.8	TOTAL
MEAN	21.3	19.2	22.7	39.0	122	103	52.1	13.4	8.48	13.4	16.2	13.3	MEAN
MAX	33.1	27.2	27.7	97.4	222	133	105	22.0	11.2	21.2	18.7	20.6	MAX
MIN	15.8	12.6	19.2	19.7	58.9	74.5	23.4	9.12	7.08	9.20	13.5	10.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.0
MAXIMUM DAILY, 222 ON MAY 26
MINIMUM DAILY, 7.08 ON SEP 18
MAXIMUM INSTANTANEOUS,
268 AT 02:55 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 117 16 37 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 100	JUL	139 000
FEB	46 600	AUG	35 900
MAR	60 900	SEP	22 000
APR	101 000	OCT	35 800
MAY	326 000	NOV	42 100
JUN	266 000	DEC	35 500

TOTAL DISCHARGE, 1 170 000 dam³

SALMON RIVER ABOVE CAMPBELL LAKE DIVERSION - STATION NO. 08HD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	6.30	2.08	7.90	124	108	13.9	1
2	---	---	---	---	---	---	5.69	1.99	4.02	37.1	66.6	17.2	2
3	---	---	---	---	---	---	6.39	1.90	2.96	20.0	34.3	13.8	3
4	---	---	---	---	---	---	5.75	1.87	2.74	13.4	21.2	16.7	4
5	---	---	---	---	---	---	5.04	1.81	2.88	15.9	15.0	46.9	5
6	---	---	---	---	---	---	4.73	1.78	2.57	32.7	11.4	26.2	6
7	---	---	---	---	---	---	4.87	1.75	2.27	35.2	9.42	16.7	7
8	---	---	---	---	---	---	4.38	1.71	2.02	36.9	7.92	12.1	8
9	---	---	---	---	---	---	4.12	1.67	1.89	22.3	7.09	10.8	9
10	---	---	---	---	---	---	3.94	1.67	1.80	14.8	6.60	9.25	10
11	---	---	---	---	---	---	3.80	1.62	1.69	10.7	101	7.98	11
12	---	---	---	---	---	---	3.55	1.58	1.63	8.44	58.6	6.71	12
13	---	---	---	---	---	---	3.34	1.56	1.58	6.98	34.7	6.08	13
14	---	---	---	---	---	---	3.25	1.56	1.55	5.71	37.3	6.76	14
15	---	---	---	---	---	---	3.13	1.55	1.52	4.92	42.6	7.51	15
16	---	---	---	---	---	---	3.06	1.53	1.51	4.38	37.4	7.23	16
17	---	---	---	---	---	---	2.96	1.51	1.47	3.97	27.4	6.76	17
18	---	---	---	---	---	---	2.99	1.50	2.68	3.52	20.9	9.05	18
19	---	---	---	---	---	---	3.02	1.48	3.93	3.29	17.8	64.0	19
20	---	---	---	---	---	---	2.77	1.47	4.30	2.97	14.5	40.8	20
21	---	---	---	---	---	---	2.59	1.46	32.2	2.69	27.7	22.0	21
22	---	---	---	---	---	---	2.43	1.46	23.3	2.56	31.2	15.3	22
23	---	---	---	---	---	---	2.40	1.45	13.6	2.44	23.7	12.0	23
24	---	---	---	---	---	---	2.29	1.47	9.88	2.29	18.4	10.4	24
25	---	---	---	---	15.2A	9.53A	2.19	1.50	7.07	2.26	14.4	8.88	25
26	---	---	---	---	---	7.92	2.11	1.52	5.69	2.27	14.4	8.07	26
27	---	---	---	---	---	6.66	2.07	1.52	12.0	13.2	11.9	6.85	27
28	---	---	---	---	---	6.19	3.65	1.60	28.4	27.2	9.89	5.95	28
29	---		---	---	---	7.43	2.95	1.66	16.5	14.1	9.05	5.87	29
30	---		---	---	---	7.22	2.49	1.66	25.5	36.3	8.68	5.12	30
31	---		---		---		2.21	4.64		172		5.26	31
TOTAL	---	---	---	---	---	---	110.46	53.53	227.05	684.49	845.05	452.05	TOTAL
MEAN	---	---	---	---	---	---	3.56	1.73	7.57	22.1	28.2	14.6	MEAN
MAX	---	---	---	---	---	---	6.39	4.64	32.2	172	108	64.0	MAX
MIN	---	---	---	---	---	---	2.07	1.45	1.47	2.26	6.60	5.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 172 ON OCT 31

MAXIMUM INSTANTANEOUS,
239 AT 06:30 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 125 40 20 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9 540
FEB	---	AUG	4 620
MAR	---	SEP	19 600
APR	---	OCT	59 100
MAY	---	NOV	73 000
JUN	---	DEC	39 100

SALMON RIVER ABOVE MENEKAY RIVER - STATION NO. 08HD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.0	4.77	12.5	12.1	7.92	4.40	4.32	2.25	2.83	136	185	18.8	1
2	17.2	4.83	10.4	9.70	7.28	4.13	4.06	2.04	2.80	23.0	90.6	18.3	2
3	8.57	4.39	11.0	8.65	7.88	4.06	3.97	1.87	2.56	13.1	39.5	13.5	3
4	7.31	4.24	9.83	8.35	11.3	4.07	3.73	1.75	2.61	10.4	15.0	17.5	4
5	6.37	4.05	8.61	18.7	10.5	4.44	3.42	1.64	2.50	11.1	11.5	57.7	5
6	5.79	3.85	7.31	15.0	8.58	4.86	3.19	1.53	2.38	17.7	9.28	26.4	6
7	5.30	3.65	6.47	11.1	7.69	4.43	3.12	1.41	2.18	17.0	7.80	16.3	7
8	4.90	3.52	5.80	9.41	7.10	4.08	3.16	1.34	1.90	16.1	6.62	12.3	8
9	5.03	3.35	5.21	8.50	6.59	5.97	3.12	1.27	1.62	11.8	5.72	10.6	9
10	4.88	3.22	4.92	8.24	5.97	10.1	2.93	1.17	1.54	11.7	5.18	9.97	10
11	4.59	3.79	4.61	8.06	5.52	11.6	2.91	1.19	1.42	9.60	92.9	9.29	11
12	4.30	4.17	4.34	7.37	5.04	8.53	2.83	1.14	1.31	7.89	48.4	8.30	12
13	4.14	4.61	4.18	6.73	4.92	6.88	2.68	1.16	1.24	7.04	30.4	7.39	13
14	3.88	7.41	4.11	5.85	5.50	5.61	2.58	1.13	1.17	5.57	40.5	7.68	14
15	3.65	13.2	4.03	5.51	7.39	5.17	2.41	1.15	1.18	4.96	48.8	8.18	15
16	3.48	52.8	3.92	6.07	6.18	5.40	2.35	1.14	1.15	4.42	42.7	8.18	16
17	3.39	55.6	3.77	5.87	5.86	4.99	2.32	1.16	1.16	4.18	31.5	7.79	17
18	13.1	27.3	3.65	5.18	5.63	9.39	2.29	1.17	1.56	4.04	23.5	9.71	18
19	79.4	84.2	3.49	4.81	6.16	14.0	2.20	1.13	2.40	3.78	17.1	56.9	19
20	36.0	37.3	3.35	4.73	5.86	9.67	2.11	1.10	2.71	3.56	9.08	30.4	20
21	111	23.5	3.32	5.09	5.23	7.75	2.11	1.10	11.7	3.41	13.3	16.0	21
22	77.7	17.8	3.47	12.2	4.89	7.78	2.11	1.10	13.6	3.26	15.2	12.1	22
23	30.4	14.1	3.81	41.1	4.53	10.6	2.27	1.08	9.04	3.17	13.8	9.91	23
24	14.5	12.1	3.93	24.4	4.89	10.0	2.21	1.06	6.86	3.06	12.8	10.8	24
25	10.4	10.6	3.98	11.2	9.98	7.76	2.21	1.07	5.32	3.07	11.0	10.5	25
26	9.21	11.0	4.48	8.65	11.2	6.13	2.18	1.07	4.33	3.24	11.6	9.20	26
27	8.14	12.5	4.21	8.08	9.65	5.13	2.12	1.08	7.12	5.73	9.66	7.84	27
28	8.10	13.6	4.35	11.3	7.45	4.68	2.04	1.20	11.0	9.04	7.94	6.94	28
29	7.01		14.7	9.39	5.93	4.95	2.85	1.36	8.35	7.98	8.46	6.19	29
30	6.17		13.5	8.67	5.26	4.71	2.79	1.35	16.8	17.7	9.71	5.41	30
31	5.33		15.4		4.80		2.52	1.40		230		5.28	31
TOTAL	533.24	445.45	196.65	310.01	212.68	201.27	85.07	40.61	132.34	612.60	834.55	455.36	TOTAL
MEAN	17.2	15.9	6.34	10.3	6.86	6.71	2.74	1.31	4.41	19.8	27.8	14.7	MEAN
MAX	111	84.2	15.4	41.1	11.3	14.0	4.32	2.25	16.8	230	185	57.7	MAX
MIN	3.39	3.22	3.32	4.73	4.53	4.06	2.04	1.06	1.15	3.06	5.18	5.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 230 ON OCT 31
MINIMUM DAILY, 1.06 ON AUG 24
MAXIMUM INSTANTANEOUS,
320 AT 09:00 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 56 N
LONG 125 44 45 W
DRAINAGE AREA, 448 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	46 100	JUL	7 350
FEB	38 500	AUG	3 510
MAR	17 000	SEP	11 400
APR	26 800	OCT	52 900
MAY	18 400	NOV	72 100
JUN	17 400	DEC	39 300

TOTAL DISCHARGE, 351 000 dam³

SALMON RIVER ABOVE SALMON LAKE - STATION NO. 08LE075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235B	0.200B	0.260B	0.305E	1.37	3.28	1.22	0.677	0.270	0.281	0.478	0.265B	1
2	0.227B	0.212B	0.295B	0.300E	1.39	2.98	1.05	0.624	0.507	0.402	0.572	0.282B	2
3	0.230B	0.212B	0.306B	0.292E	1.21	2.70	0.958	0.607	0.353	0.363	0.546	0.230B	3
4	0.237B	0.202B	0.290B	0.336E	1.12	2.56	0.877	0.631	0.312	0.325	0.505	0.270B	4
5	0.245B	0.194B	0.281B	0.352E	1.02	2.27	0.805	0.549	0.311	0.297	0.464	0.321B	5
6	0.250B	0.210B	0.300B	0.305E	0.930	2.16	0.744	0.500	0.269	0.338	0.447	0.280B	6
7	0.248B	0.212B	0.300B	0.322E	0.911	1.96	1.02	0.456	0.237	0.604	0.433	0.298B	7
8	0.241B	0.200B	0.320B	0.318E	0.925	1.86	1.40	0.420	0.209	0.619	0.420	0.230B	8
9	0.265B	0.160B	0.335B	0.318E	1.10	2.49	1.28	0.394	0.192	0.573	0.402	0.277B	9
10	0.235B	0.150B	0.305B	0.318E	1.24	2.62	1.29	0.360	0.181	0.512	0.394	0.235B	10
11	0.227B	0.190B	0.310B	0.300E	1.25	2.52	1.32	0.340	0.177	0.470	0.399	0.198B	11
12	0.237B	0.215B	0.310B	0.315E	1.25	2.22	1.12	0.320	0.168	0.434	0.465	0.205B	12
13	0.230B	0.265B	0.330B	0.340E	1.34	2.36	1.05	0.303	0.161	0.419	0.447	0.195B	13
14	0.215B	0.350B	0.345B	0.375E	1.53	2.66	1.04	0.312	0.157	0.396	0.420	0.200B	14
15	0.206B	0.370B	0.335B	0.395E	1.96	2.40	0.990	0.362	0.150	0.391	0.398	0.191B	15
16	0.207B	0.351B	0.336B	0.370E	2.18	2.26	0.987	0.313	0.143	0.385	0.381	0.196B	16
17	0.220B	0.351B	0.305B	0.395E	2.37	2.05	0.926	0.286	0.144	0.390	0.359	0.231B	17
18	0.250B	0.365B	0.305B	0.415E	2.80	1.99	0.952	0.272	0.141	0.371	0.363	0.278B	18
19	0.256B	0.335B	0.315B	0.400E	3.85	2.37	0.923	0.262	0.234	0.366	0.348	0.252B	19
20	0.270B	0.300B	0.315B	0.403E	4.26	2.20	0.905	0.265	0.341	0.360	0.349	0.230B	20
21	0.290B	0.315B	0.360B	0.440E	5.82	1.91	0.838	0.261	0.254	0.295	0.345	0.200B	21
22	0.290B	0.330B	0.382B	0.500E	5.46	1.81	0.770	0.242	0.222	0.298	0.310B	0.185B	22
23	0.285B	0.305B	0.320B	0.600E	4.82	1.82	0.751	0.223	0.208	0.324	0.290B	0.200B	23
24	0.270B	0.287B	0.345B	0.660E	5.18	1.60	0.936	0.200	0.223	0.326	0.260B	0.216B	24
25	0.255B	0.290B	0.375B	0.595E	5.99	1.47	0.894	0.186	0.237	0.328	0.230B	0.200B	25
26	0.241B	0.290B	0.345B	0.550E	6.63	1.36	0.745	0.183	0.247	0.331	0.253B	0.190B	26
27	0.270B	0.260B	0.370B	0.525E	4.90	1.26	0.655	0.179	0.234	0.368	0.248B	0.200B	27
28	0.250B	0.212B	0.350B	0.550A	4.05	1.16	0.599	0.173	0.258	0.425	0.243B	0.180B	28
29	0.295B		0.330B	0.614	3.68	1.11	0.613	0.180	0.258	0.472	0.250B	0.166B	29
30	0.270B		0.355B	0.825	3.88	1.13	0.703	0.252	0.262	0.417	0.240B	0.152B	30
31	0.225B		0.380B		3.66		0.750	0.218		0.398		0.141B	31
TOTAL	7.672	7.333	10.110	12.733	88.076	62.54	29.111	10.550	7.060	12.278	11.259	6.890	TOTAL
MEAN	0.247	0.262	0.326	0.424	2.84	2.08	0.939	0.340	0.235	0.396	0.375	0.222	MEAN
MAX	0.295	0.370	0.382	0.825	6.63	3.28	1.40	0.677	0.507	0.619	0.572	0.321	MAX
MIN	0.206	0.150	0.260	0.292	0.911	1.11	0.599	0.173	0.141	0.281	0.230	0.141	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.728
MAXIMUM DAILY, 6.63 ON MAY 26
MINIMUM DAILY, 0.141 ON SEP 18
MAXIMUM INSTANTANEOUS,
8.24 AT 00:59 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 00 N
LONG 119 58 12 W
DRAINAGE AREA, 183 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	663	JUL	2 520
FEB	634	AUG	912
MAR	874	SEP	610
APR	1 100	OCT	1 060
MAY	7 610	NOV	973
JUN	5 400	DEC	595

TOTAL DISCHARGE, 23 000 dam³

SALMON RIVER AT 72 AVENUE, LANGLEY - STATION NO. 08MH090

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.46	0.949	1.06	3.37	1.28	0.602	0.645	0.307	0.405	3.50	11.2	6.07	1
2	1.80	0.842	0.985	2.05	1.29	0.590	0.576	0.286	0.307	3.27	3.20	9.89	2
3	1.46	0.766	1.69	1.87	1.61	0.612	0.505	0.277	0.278	1.39	1.93	3.43	3
4	1.26	0.715	1.78	1.72	2.22	0.630	0.473	0.272	0.286	0.958	1.52	2.56	4
5	1.12	0.660	1.21	6.58	1.33	2.11	0.423	0.264	0.281	0.781	1.30	2.31	5
6	1.01	0.624	1.03	2.70	1.12	5.14	0.399	0.252	0.268	2.12	1.20	2.19	6
7	0.937	0.598	0.959	1.67	1.23	1.43	0.510	0.242	0.256	8.21	1.10	2.07	7
8	0.884	0.593	0.928	1.99	1.40	1.50	0.450	0.232	0.248	2.00	1.02	1.62	8
9	0.868	0.567	0.888	1.76	1.62	2.63	0.420	0.226	0.236	3.13	0.976	2.45	9
10	0.833	0.499	0.838	1.37	1.25	9.14	0.395	0.225	0.249	1.72	0.925	7.52	10
11	0.795	0.476	0.797	1.55	1.39	5.27	0.393	0.215	0.248	1.06	1.87	3.38	11
12	0.736	1.52	0.780	2.63	1.07	1.62	0.393	0.213	0.239	0.856	11.1	1.91	12
13	0.729	4.21	0.749	2.55	0.919	2.62	0.411	0.209	0.240	0.734	2.93	1.49	13
14	0.685	4.61	0.731	1.55	0.863	1.72	0.415	0.204	0.252	0.666	3.97	2.34	14
15	0.670	5.79	0.801	1.25	0.840	1.07	0.389	0.205	0.236	0.625	5.83	2.82	15
16	0.638	8.37	1.64	1.15	0.808	1.03	0.375	0.203	0.233	0.585	6.50	1.76	16
17	0.633	6.49	1.02	1.03	0.763	0.881	0.354	0.198	0.228	0.571	3.57	1.38	17
18	0.796	6.69	0.865	0.938	0.742	2.16	0.707	0.217	0.231	0.545	9.18	1.63	18
19	0.842	5.09	0.777	0.867	0.765	3.97	0.801	0.232	0.242	0.541	3.55	6.03	19
20	0.748	3.25	0.732	0.809	0.734	1.82	0.754	0.255	0.277	0.529	3.32	2.80	20
21	1.00	4.67	0.695	0.959	0.702	1.35	0.608	0.251	0.363	0.510	3.36	1.72	21
22	1.37	2.66	0.910	4.02	0.671	2.10	0.518	0.252	0.318	0.492	9.17	1.41	22
23	2.29	1.93	1.94	4.21	0.631	1.96	0.465	0.244	0.285	0.483	7.39	1.49	23
24	1.59	1.71	1.78	3.15	0.708	1.17	0.412	0.235	0.398	0.473	3.37	2.99	24
25	1.19	2.28	1.88	1.76	1.20	0.853	0.379	0.285	0.323	0.465	2.61	2.43	25
26	1.54	1.81	1.30	1.30	0.881	0.693	0.344	0.256	0.285	0.521	2.21	3.55	26
27	1.73	1.43	0.978	1.31	0.730	0.610	0.329	0.250	0.348	1.02	1.49	2.53	27
28	1.50	1.22	1.00	3.28	0.665	0.561	0.304	0.243	1.06	4.49	1.23	1.93	28
29	1.76		5.35	2.62	0.624	0.596	0.350	0.248	0.607	3.98	1.20	1.56	29
30	1.66		5.08	1.67	0.670	0.628	0.349	0.259	0.487	2.47	2.52	1.41	30
31	1.16		6.61		0.634		0.323	0.330		7.45		1.27	31
TOTAL	36.694	71.019	47.783	63.683	31.360	57.066	14.169	7.587	9.714	56.145	110.741	87.94	TOTAL
MEAN	1.18	2.54	1.54	2.12	1.01	1.90	0.457	0.245	0.324	1.81	3.69	2.84	MEAN
MAX	2.46	8.37	6.61	6.58	2.22	9.14	0.801	0.330	1.06	8.21	11.2	9.89	MAX
MIN	0.633	0.476	0.695	0.809	0.624	0.561	0.304	0.198	0.228	0.465	0.925	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 11.2 ON NOV 1
MINIMUM DAILY, 0.198 ON AUG 17
MAXIMUM INSTANTANEOUS,
20.3 AT 18:30 PST ON JUN 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 02 N
LONG 122 35 40 W
DRAINAGE AREA, 49.0 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 170	JUL	1 220
FEB	6 140	AUG	656
MAR	4 130	SEP	839
APR	5 500	OCT	4 850
MAY	2 710	NOV	9 570
JUN	4 930	DEC	7 600

TOTAL DISCHARGE, 51 300 dam³

SALMON RIVER AT FALKLAND - STATION NO. 08LE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.52	1.24	1.31	1.36	9.22	10.7	5.69	2.92	1.29	1.31	2.15	1.49	1
2	1.41	1.10 B	1.29	1.33	8.53	9.71	5.38	2.70	1.62	1.55	2.05	1.62	2
3	1.43	1.15 B	1.30	1.31	7.82	8.70	4.82	2.58	1.37	1.50	1.94	1.51	3
4	1.43	1.15 B	1.41	1.27	7.35	7.94	4.37	2.59	1.40	1.43	1.80	1.49	4
5	1.41	1.00 B	1.35	1.35	6.86	7.16	3.90	2.36	1.43	1.38	1.72	1.60	5
6	1.41	1.10 B	1.25	1.36	6.20	6.62	3.66	2.09	1.34	1.58	1.71	1.66	6
7	1.39	1.08 B	1.27	1.33	5.97	5.97	4.43	1.80	1.28	2.08	1.75	1.56	7
8	1.36	1.02 B	1.26	1.30	6.05	5.56	5.36	1.68	1.26	1.83	1.81	1.47	8
9	1.36	0.820B	1.22	1.30	6.71	5.59	5.53	1.58	1.25	1.84	1.77	1.47	9
10	1.32	0.600B	1.22	1.28	7.12	6.40	5.47	1.55	1.23	1.84	1.75	1.72	10
11	1.32	0.630B	1.22	1.29	7.15	6.80	5.64	1.48	1.22	1.73	1.74	1.68	11
12	1.32	0.680B	1.22	1.29	7.24	6.44	5.60	1.40	1.23	1.65	1.80	1.33	12
13	1.31	0.720B	1.23	1.26	7.48	7.01	5.19	1.39	1.20	1.59	1.85	1.29	13
14	1.27	0.780B	1.26	1.24	7.79	7.30	5.19	1.32	1.21	1.55	1.85	1.30	14
15	1.21	0.834	1.28	1.24	8.97	7.77	4.98	1.31	1.20	1.55	1.76	1.34	15
16	1.20	1.42	1.34	1.36	9.60	8.34	5.03	1.28	1.18	1.56	1.75	1.32	16
17	1.17	1.54	1.30	1.44	9.71	8.06	4.68	1.27	1.16	1.53	1.71	1.31	17
18	1.22	1.53	1.24	1.54	9.91	8.24	4.44	1.22	1.15	1.53	1.71	1.31	18
19	1.30	1.58	1.23	1.79	10.2	9.06	4.38	1.19	1.26	1.51	1.72	1.35	19
20	1.27	1.56	1.22	2.25	10.3	8.28	4.47	1.36	1.33	1.48	1.71	1.38	20
21	1.33	1.40	1.22	2.27	10.9	7.49	4.52	1.34	1.29	1.44	1.71	1.32B	21
22	1.69	1.36	1.24	2.46	11.0	7.16	4.89	1.26	1.26	1.45	1.70	1.28B	22
23	2.23	1.35	1.23	3.67	11.7	7.20	4.75	1.23	1.25	1.44	1.69	1.24B	23
24	2.12	1.34	1.22	6.14	11.9	6.74	7.98	1.20	1.25	1.45	1.67	1.20B	24
25	1.86	1.46	1.25	5.75	13.1	6.12	6.71	1.13	1.30	1.46	1.65	1.20B	25
26	1.69	1.48	1.28	5.23	13.9	5.64	5.34	1.12	1.28	1.47	1.64	1.18B	26
27	1.58	1.39	1.26	4.72	12.7	5.24	4.44	1.08	1.25	1.51	1.63	1.16B	27
28	1.55	1.35	1.30	4.72	12.2	5.13	3.76	1.07	1.24	1.65	1.54	1.15B	28
29	1.53		1.34	5.47	11.6	4.92	3.38	1.10	1.24	1.79	1.54	1.14B	29
30	1.50		1.39	7.48	10.8	5.10	3.17	1.22	1.25	1.70	1.46	1.12B	30
31	1.46		1.36		11.3		3.12	1.17		1.81		1.09B	31
TOTAL	45.17	32.664	39.51	75.80	291.28	212.39	150.27	47.99	38.22	49.19	52.28	42.28	TOTAL
MEAN	1.46	1.17	1.27	2.53	9.40	7.08	4.85	1.55	1.27	1.59	1.74	1.36	MEAN
MAX	2.23	1.58	1.41	7.48	13.9	10.7	7.98	2.92	1.62	2.08	2.15	1.72	MAX
MIN	1.17	0.600	1.22	1.24	5.97	4.92	3.12	1.07	1.15	1.31	1.46	1.09	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.95
MAXIMUM DAILY, 13.9 ON MAY 26
MINIMUM DAILY, 0.600B ON FEB 10
MAXIMUM INSTANTANEOUS,
15.8 AT 19:26 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 55 N
LONG 119 33 30 W
DRAINAGE AREA, 1 040 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 900	JUL	13 000
FEB	2 820	AUG	4 150
MAR	3 410	SEP	3 300
APR	6 550	OCT	4 250
MAY	25 200	NOV	4 520
JUN	18 400	DEC	3 650

TOTAL DISCHARGE, 93 200 dam³

SALMON RIVER NEAR PRINCE GEORGE - STATION NO. 08KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0B	17.5B	15.0B	23.5B	145	57.0	15.0	6.93	3.27	3.65	4.97	5.39B	1
2	29.5B	16.7B	15.1B	24.3B	143	53.0	14.4	6.70	3.30	3.60	5.36	5.35B	2
3	28.7B	16.1B	15.3B	25.0B	146	50.6	13.8	6.31	3.32	3.78	5.58	5.25B	3
4	27.9B	15.7B	15.8B	26.0B	149	47.9	13.0	6.20	3.37	3.90	5.77	5.20B	4
5	27.3B	15.3B	16.2B	26.7B	151	45.4	12.4	6.05	3.36	4.22	5.83	5.22B	5
6	26.8B	15.2B	16.5B	27.5B	149	43.2	12.2	5.74	3.34	4.50	5.85	5.25B	6
7	26.1B	15.0B	16.7B	28.2B	145	41.0	11.5	5.43	3.35	4.98	5.84	5.20B	7
8	25.9B	14.9B	16.8B	28.7B	139	38.6	10.7	5.27	3.34	5.10	5.88B	5.18B	8
9	25.4B	14.7B	16.9B	28.9B	135	36.2	10.2	5.04	3.36	5.27	5.65B	5.15B	9
10	24.5B	14.4B	17.1B	28.7B	131	33.8	9.85	4.89	3.28	5.19	5.89B	5.10B	10
11	23.9B	14.0B	17.2B	28.2B	128	32.1	9.39	4.69	3.26	5.12	6.31B	5.05B	11
12	23.4B	13.6B	17.3B	27.5B	125	31.0	9.15	4.58	3.17	5.13	6.41B	5.02B	12
13	22.8B	13.2B	17.5B	27.2B	121	29.9	8.67	4.35	3.18	5.01	6.79B	5.00B	13
14	22.2B	12.9B	17.7B	27.2B	117	28.6	8.54	4.27	3.17	4.95	6.88B	4.95B	14
15	21.2B	12.8B	17.9B	27.3B	115	27.4	8.52	4.08	3.14	4.94	7.07B	4.85B	15
16	20.2B	12.8B	18.0B	28.5B	109	27.8	8.72	3.95	3.14	4.81	7.64B	4.75B	16
17	19.5B	13.2B	18.1B	30.0B	101	27.4	9.23	3.85	3.14	4.67	7.87B	4.70B	17
18	19.6B	14.2B	18.2B	33.5B	93.8	26.6	8.80	3.72	3.13	4.64	7.26B	4.68B	18
19	20.0B	14.4B	18.3B	38.5B	87.7	26.1	8.43	3.73	3.12	4.59	6.63B	4.70B	19
20	22.0B	14.5B	18.3B	44.5B	84.3	26.9	8.29	3.62	3.08	4.51	7.64B	4.68B	20
21	23.9B	14.7B	18.5B	54.0B	81.0	28.0	8.53	3.56	3.08	4.37	7.91B	4.65B	21
22	23.6B	14.8B	18.7B	66.0B	77.6	26.6	8.65	3.49	3.07	4.30	7.17B	4.62B	22
23	23.2B	14.8B	18.9B	85.0B	73.5	25.6	8.49	3.37	3.09	4.22	7.85B	4.62B	23
24	22.8B	14.9B	19.2B	109 B	69.2	23.7	8.20	3.37	3.21	4.21	8.98B	4.60B	24
25	22.1B	14.9B	19.4B	132 B	66.5	21.9	7.98	3.39	3.31	4.17	7.20B	4.60B	25
26	21.9B	15.0B	19.6B	140	64.5	20.3	7.77	3.37	3.33	4.17	5.75B	4.58B	26
27	21.2B	15.0B	19.8B	154	62.6	19.0	7.79	3.45	3.30	4.25	5.42B	4.50B	27
28	20.8B	15.0B	20.0B	164	60.1	17.8	7.62	3.42	3.35	4.34	5.40B	4.42B	28
29	20.5B		20.9B	158	57.2	16.7	7.53	3.40	3.40	4.43	5.40B	4.35B	29
30	20.0B		21.9B	150	56.6	15.7	7.03	3.27	3.57	4.49	5.40B	4.25B	30
31	19.0B		22.7B		58.4		7.00	3.28		4.80		4.10B	31
TOTAL	725.9	410.2	559.5	1 791.9	3 242.0	945.8	297.38	136.77	97.53	140.31	193.60	149.96	TOTAL
MEAN	23.4	14.7	18.0	59.7	105	31.5	9.59	4.41	3.25	4.53	6.45	4.84	MEAN
MAX	30.0	17.5	22.7	164	151	57.0	15.0	6.93	3.57	5.27	8.98	5.39	MAX
MIN	19.0	12.8	15.0	23.5	56.6	15.7	7.00	3.27	3.07	3.60	4.97	4.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 164 ON APR 28
MINIMUM DAILY, 3.07 ON SEP 22
MAXIMUM INSTANTANEOUS,
175 AT 03:15 PST ON APR 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 46 N
LONG 122 40 41 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	62 700	JUL	25 700
FEB	35 400	AUG	11 800
MAR	48 300	SEP	8 430
APR	155 000	OCT	12 100
MAY	280 000	NOV	16 700
JUN	81 700	DEC	13 000

TOTAL DISCHARGE, 751 000 dam³

SALMON RIVER NEAR SALMON ARM - STATION NO. 08LE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.42	2.85	3.22	2.80	15.6	16.8	7.98	4.76	1.90	1.74	4.08	2.76	1
2	3.18	2.75	3.13	2.75	15.7	15.1	7.48	4.16	2.18	1.96	4.32	2.57B	2
3	3.10	2.58	3.10	2.67	13.0	13.6	6.86	3.84	2.22	2.09	3.91	2.45B	3
4	3.03	2.56	3.40	2.63	12.0	12.6	6.39	3.81	2.12	1.97	3.61	2.40B	4
5	2.99	2.53	3.33	2.68	11.3	11.4	5.70	3.48	2.13	1.93	3.29	2.42B	5
6	3.02	2.37	3.02	2.71	10.2	10.7	5.19	3.14	2.03	2.14	3.16	2.41B	6
7	2.94	2.50	2.90	2.65	9.49	9.66	5.22	2.80	1.90	3.40	3.07	2.35B	7
8	2.89	2.49	2.82	2.65	9.53	8.85	6.62	2.53	1.83	3.17	3.09	2.26B	8
9	2.80	1.70B	2.77	2.62	10.5	8.57	6.65	2.32	1.72	2.95	3.09	2.21B	9
10	2.80	1.01B	2.71	2.54	11.9	9.06	6.83	2.22	1.66	2.95	3.06	2.20B	10
11	2.68	1.80B	2.69	2.62	12.3	9.90	7.19	2.10	1.64	2.84	3.04	2.22B	11
12	2.81	2.20B	2.66	2.64	13.2	9.37	6.94	2.00	1.62	2.75	3.43	2.25B	12
13	2.60	2.24B	2.63A	2.53	14.3	9.56	6.58	1.87	1.59	2.67	3.35	2.24B	13
14	2.55	2.32B	2.67E	2.49	15.1	10.3	6.48	1.82	1.58	2.61	3.25	2.17B	14
15	2.44	2.55B	2.73E	2.48	17.0	10.6	6.29	1.79	1.54	2.62	3.18	2.09B	15
16	2.38	2.85A	2.82E	2.52	17.7	11.5	6.67	1.76	1.50	2.70	3.15	2.01B	16
17	2.32	2.97	2.85E	2.64	17.6	11.2	5.90	1.71	1.49	2.77	3.08	2.02B	17
18	2.34	3.33	2.82E	2.78	18.4	12.0	5.44	1.65	1.45	2.71	3.08	2.03B	18
19	2.42	3.74	2.75E	3.07	19.1	13.5	5.29	1.61	1.53	2.72	3.07	2.04B	19
20	2.47	3.61	2.68E	3.59	18.6	12.8	5.58	1.99	1.64	2.63	3.15	2.00B	20
21	2.44	3.32	2.63E	3.97	18.4	11.7	5.78	2.03	1.70	2.54	3.24	1.95B	21
22	2.73	3.14	2.59E	4.26	18.0	11.0	6.17	1.86	1.63	2.50	3.19	1.89B	22
23	3.71	3.09	2.57E	4.79	18.0	11.2	6.06	1.75	1.62	2.49	3.13	1.85B	23
24	4.20	3.15	2.56E	7.38	18.4	10.4	8.91	1.71	1.62	2.52	3.07	1.82B	24
25	3.88	3.71	2.55E	8.36	19.0	9.55	10.2	1.60	1.65	2.57	2.99	1.83B	25
26	3.63	3.77	2.53E	7.74	21.8	8.67	7.80	1.54	1.66	2.55	2.96	1.85B	26
27	3.40	3.53	2.52A	7.47	18.9	7.96	6.38	1.51	1.64	2.61	2.93	1.79B	27
28	3.26	3.35	2.60	7.19	17.5	7.54	5.54	1.47	1.66	3.02	2.85	1.78B	28
29	3.18		2.75	8.02	16.6	7.26	4.92	1.55	1.66	3.49	2.79	1.72B	29
30	3.09		2.78	9.82	16.0	7.14	4.75	1.76	1.67	3.28	2.77	1.70B	30
31	3.02		2.80		16.1		4.72	1.80		3.37		1.71B	31
TOTAL	91.72	78.01	86.58	123.06	481.22	319.49	198.51	69.94	51.78	82.26	96.38	64.99	TOTAL
MEAN	2.96	2.79	2.79	4.10	15.5	10.6	6.40	2.26	1.73	2.65	3.21	2.10	MEAN
MAX	4.20	3.77	3.40	9.82	21.8	16.8	10.2	4.76	2.22	3.49	4.32	2.76	MAX
MIN	2.32	1.01	2.52	2.48	9.49	7.14	4.72	1.47	1.45	1.74	2.77	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.78
MAXIMUM DAILY, 21.8 ON MAY 26
MINIMUM DAILY, 1.01B ON FEB 10
MAXIMUM INSTANTANEOUS,
23.1 AT 07:35 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 35 N
LONG 119 19 40 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 920	JUL	17 200
FEB	6 740	AUG	6 040
MAR	7 480	SEP	4 470
APR	10 600	OCT	7 110
MAY	41 600	NOV	8 330
JUN	27 600	DEC	5 620

TOTAL DISCHARGE, 151 000 dam³

SALMON RIVER NEAR SAYWARD - STATION NO. 08HD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.3	23.7	61.2E	49.6A	89.8	31.5	26.5	10.1	29.8	531 A	361 A	44.7E	1
2	63.8	22.1	52.0A	36.4A	82.2	29.3	23.3	9.77	20.3	250 A	253 A	53.2E	2
3	45.2	21.0	49.6A	39.9A	69.3	42.1	25.0	9.52	13.8	85.1A	149 A	41.1E	3
4	37.6	18.8	49.6A	49.6A	74.9	42.2	23.2	9.39	12.5	58.4A	93.2A	40.0A	4
5	32.9	17.5	42.4A	128 A	63.5	57.0	20.6	9.34	12.9	60.0A	63.2A	265 A	5
6	30.2	16.2	40.6E	93.2A	51.6	58.1	18.4	9.11	12.4	140 A	58.4A	75.2A	6
7	28.3	15.5	39.0E	52.0A	49.6	41.2	17.2	8.99	11.3	139 A	40.0A	73.4A	7
8	25.4	15.0	35.5A	49.6A	51.5	35.9	16.4	8.94	10.5	127 A	37.2E	59.7E	8
9	42.3	14.4	31.0A	41.4A	52.9	47.7	16.8	8.93	9.87	98.6A	34.4A	47.2A	9
10	45.6	13.3	28.8A	37.9	44.7	90.9	15.9	8.83	9.49	62.4A	32.1A	43.3A	10
11	34.5	13.1	28.8A	36.7	43.1	77.4	15.2	8.72	9.17	49.6A	426 A	40.0A	11
12	27.9	13.7	28.8A	31.5	39.7	56.4	15.0	8.56	8.78	40.0A	172 A	36.7E	12
13	24.0	17.4	31.0A	27.4	46.4	48.6	14.4	8.45	8.48	35.4A	122 A	32.2A	13
14	22.2	69.5	31.0A	24.6	58.5	40.7	14.0	8.40	8.40	26.9A	137 A	32.2A	14
15	20.6	139	30.2E	23.6	57.8	35.7	13.5	8.33	8.12	26.2E	131 A	32.2A	15
16	19.1	288	28.8A	39.2	46.5	40.1	13.2	8.24	8.05E	25.1E	125 A	32.2A	16
17	18.1	248	26.9A	39.8	43.8	33.8	12.9	8.10	8.10E	24.6E	93.2A	32.2A	17
18	114	182	22.1A	32.3	51.5	69.5	13.5	8.01	12.9 E	22.1A	70.7A	32.2A	18
19	389	373	21.6A	30.1	63.4	95.1	12.7	8.01	20.2 A	19.2A	63.2A	250 A	19
20	219	175	21.1A	33.6	59.9	65.3	12.3	7.96	16.1 A	16.9A	73.4A	125 E	20
21	408	119	21.1A	35.4	57.2	50.3	11.9	7.91	118 A	16.9A	106 A	60.0A	21
22	298	95.3	23.0A	78.2	45.8	55.8	11.8	7.89	86.4 A	16.9A	122 A	59.2A	22
23	144	80.2	33.2A	247	40.8	70.2	11.2	7.88	51.0 A	16.9A	86.0A	46.0A	23
24	83.1	68.4	33.5E	177	57.0	66.6	10.8	7.88	47.8 A	16.9A	68.0A	46.0A	24
25	60.7	56.8A	37.8A	88.3	84.5	49.4	10.8	8.15	35.4 A	14.5A	61.0E	42.4A	25
26	56.1	52.0A	39.9A	58.4	71.5	40.9	10.9	8.34	27.6 A	15.3A	58.4A	37.8A	26
27	48.8	63.2A	36.1A	52.0	53.4	32.3	10.8	8.46	44.8 A	129 A	47.2A	31.0A	27
28	41.7	68.0A	37.2E	84.0	43.2	28.1	10.4A	8.82	80.6 E	152 E	40.0A	31.6A	28
29	35.2		86.0A	78.0	44.5	31.5	10.8A	8.88	121 E	79.7A	40.6A	31.0A	29
30	29.5		86.0A	88.8	42.3	30.7	11.2	8.83	150 A	52.0A	38.9A	25.9A	30
31	26.3		49.6A		37.6		10.7	8.96		729 A		24.0A	31
TOTAL	2 551.4	2 299.1	1 183.4	1 883.5	1 716.4	1 494.3	461.3	267.70	1 013.76	3 076.6	3 199.1	1 822.6	TOTAL
MEAN	82.3	82.1	38.2	62.8	55.3	49.8	14.9	8.64	33.8	99.2	107	58.8	MEAN
MAX	408	373	86.0	247	89.8	95.1	26.5	10.1	150	729	426	265	MAX
MIN	18.1	13.1	21.1	23.6	37.6	28.1	10.4	7.88	8.05	14.5	32.1	24.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.4
MAXIMUM DAILY, 729A ON OCT 31
MINIMUM DAILY, 7.88 ON AUG 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 24 N
LONG 125 53 50 W
DRAINAGE AREA, 1 200 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	220 000	JUL	39 900
FEB	199 000	AUG	23 100
MAR	102 000	SEP	87 600
APR	163 000	OCT	266 000
MAY	148 000	NOV	276 000
JUN	129 000	DEC	157 000

TOTAL DISCHARGE, 1 810 000 dam³

SAN JUAN RIVER NEAR PORT RENFREW - STATION NO. 08HA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.1	27.6	26.0	99.0	47.0	8.15	13.4	3.23	4.78	207	422	197	1
2	47.9	25.3	22.6	64.8	76.1	7.51	11.9	3.13	4.39	108	134	268	2
3	40.9	23.3	23.5	54.5	71.7	11.3	10.6	3.03	3.38	63.7	81.4	95.9	3
4	35.1	21.5	22.4	45.7	61.1	13.0	9.53	2.95	2.92	45.1	60.0	107	4
5	30.5	21.0	19.6	197	47.3	33.4	8.58	2.87	2.65	40.4	45.7	530	5
6	27.1	19.6	17.0	91.7	38.7	48.5	7.79	2.76	2.50	114	37.3	173	6
7	23.9	17.7	16.4	54.7	33.5	29.7	7.25	2.67	2.40	155	30.3	136	7
8	22.1	16.6	17.7	60.9	28.8	22.0	6.83	2.65	2.30	167	25.6	92.4	8
9	34.1	15.7	16.1	59.6	26.7	23.6	6.48	2.61	2.26	113	22.1	236	9
10	36.0	14.6	14.4	55.1	23.1	28.5	6.61	2.56	2.30	65.8	20.5	229	10
11	28.9	13.9	13.5	65.4	20.3	29.6	6.48	2.49	2.26	44.7	183	113	11
12	24.6	18.4	12.7	54.4	17.8	22.6	6.11	2.42	2.19	33.5	176	66.9	12
13	21.9	61.7	11.8	48.7	16.0	18.2	5.78	2.43	2.18	26.8	94.7	51.7	13
14	19.9	222	11.0	44.8	14.7	15.8	5.68	2.39	2.13	21.9	167	84.4	14
15	18.2	433	12.4	54.4	13.5	13.9	5.34	2.36	2.09	18.4	217	83.7	15
16	17.2	492	15.3	104	12.3	17.1	5.08	2.37	2.02	16.2	143	58.4	16
17	16.9	412	12.4	73.6	11.5	19.3	4.85	2.31	2.07	14.1	94.5	46.5	17
18	70.9	351	10.9	54.4	11.3	34.5	4.63	2.26	2.15	12.5	124	56.5	18
19	72.7	309	10.3	48.8	12.5	67.9	4.40	2.20	2.41	11.1	83.1	253	19
20	52.6	149	9.68	45.5	11.4	50.7	4.20	2.20	2.59	10.1	127	134	20
21	114	122	9.12	54.0	10.2	46.4	4.02	2.16	35.4	9.09	230	67.3	21
22	85.6	73.8	10.7	150	9.44	53.3	3.96	2.17	47.5	8.28	227	49.1	22
23	63.3	54.9	15.9	138	8.80	67.8	3.85	2.15	22.9	7.63	142	41.1	23
24	48.7	49.3	17.8	118	13.1	46.3	3.79	2.26	14.4	7.17	89.3	39.3	24
25	41.1	50.0	30.8	70.0	21.6	33.9	3.68	2.40	11.0	6.87	73.4	36.2	25
26	42.2	43.3	28.5	48.3	17.7	26.2	3.61	2.35	8.41	7.26	68.0	33.4	26
27	46.2	35.0	21.1	46.5	14.1	21.8	3.52	2.25	39.5	58.2	50.8	29.2	27
28	42.9	30.2	21.5	131	11.8	18.1	3.43	2.22	97.5	167	40.5	25.5	28
29	38.7		57.4	82.2	10.2	16.8	3.40	2.23	50.9	94.3	35.1	22.4	29
30	34.0		54.5	56.4	9.93	15.1	3.37	2.16	45.7	138	46.6	19.8	30
31	30.2		215		9.17		3.28	2.26		787		18.4	31
TOTAL	1 286.4	3 123.4	798.00	2 271.4	731.34	860.96	181.43	76.50	425.18	2 579.10	3 290.9	3 394.1	TOTAL
MEAN	41.5	112	25.7	75.7	23.6	28.7	5.85	2.47	14.2	83.2	110	109	MEAN
MAX	114	492	215	197	76.1	67.9	13.4	3.23	97.5	787	422	530	MAX
MIN	16.9	13.9	9.12	44.8	8.80	7.51	3.28	2.15	2.02	6.87	20.5	18.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.1
MAXIMUM DAILY, 787 ON OCT 31
MINIMUM DAILY, 2.02 ON SEP 16
MAXIMUM INSTANTANEOUS,
943 AT 16:45 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 38 N
LONG 124 19 02 W
DRAINAGE AREA, 580 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	111 000	JUL	15 700
FEB	270 000	AUG	6 610
MAR	68 900	SEP	36 700
APR	196 000	OCT	223 000
MAY	63 200	NOV	284 000
JUN	74 400	DEC	293 000

TOTAL DISCHARGE, 1 640 000 dam³

SARITA RIVER NEAR BAMFIELD - STATION NO. 08HB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6	5.95	6.08	23.7	9.32	2.44	3.56	1.22	3.47	97.4	96.4	85.9	1
2	9.99	5.60	5.23	13.0	15.0	2.35	3.17	1.17	2.38	22.3	33.9	90.4	2
3	8.28	5.37	5.71	11.1	22.9	5.39	2.88	1.11	1.81	9.63	34.1	28.2	3
4	7.30	5.03	5.82	9.49	14.7	6.03	2.69	1.11	1.51	6.83	25.0	61.9	4
5	6.59	4.84	4.95	55.0	9.50	12.2	2.49	1.18	1.29	29.2	18.2	187	5
6	6.31	4.59	4.28	19.3	7.15	12.7	2.30	1.15	1.09	56.1	15.4	90.8	6
7	5.84	4.27	4.49	10.6	6.17	8.50	2.16	1.08	1.04	90.4	13.9	57.3	7
8	5.82	4.22	6.63	11.7	5.36	5.89	2.07	1.09	0.943	83.4	12.7	50.0	8
9	11.3	4.08	5.95	12.5	4.79	5.12	2.09	1.00	0.962	28.1	11.8	63.7	9
10	10.1	3.87	4.69	16.1	4.35	7.86	2.53	0.913	1.06	11.9	13.2	88.1	10
11	7.51	3.72	4.37	20.8	3.96	8.01	2.44	0.777	0.918	7.93	187	71.5	11
12	6.55	4.00	4.03	13.0	3.69	5.60	2.28	0.800	0.881	6.06	69.3	55.5	12
13	5.99	12.8	3.62	10.7	3.34	4.48	2.09	0.797	0.787	4.92	48.8	43.9	13
14	5.56	53.0	3.48	9.14	3.11	3.94	1.99	0.788	0.740	4.32	71.9	36.5	14
15	5.25	132	5.50	15.4	2.96	3.67	1.89	0.765	0.737	3.90	75.6	31.8	15
16	5.01	119	6.22	38.5	2.74	4.09	1.79	0.711	0.734	3.39	39.7	26.6	16
17	5.46	138	4.76	17.5	2.66	5.88	1.73	0.696	0.698	3.21	24.3	21.0	17
18	43.2	126	4.12	11.4	2.62	15.8	1.76	0.696	1.22	2.94	19.8	18.2	18
19	26.4	92.0	3.65	9.23	3.10	18.2	1.72	0.703	2.14	2.71	30.6	92.4	19
20	27.8	34.0	3.23	7.60	2.87	12.6	1.67	0.709	2.10	2.58	84.7	49.0	20
21	54.3	26.9	3.07	7.83	2.62	10.2	1.59	0.724	73.9	2.53	107	20.9	21
22	26.3	15.0	3.61	55.8	2.42	11.5	1.55	0.694	30.9	2.35	87.4	14.9	22
23	14.8	12.3	7.04	84.6	2.29	19.6	1.50	0.716	13.4	2.20	55.9	14.3	23
24	10.4	15.2	6.18	68.4	3.64	10.6	1.46	0.566	8.93	2.08	32.5	18.0	24
25	8.38	12.2	14.4	25.3	5.23	6.97	1.40	0.612	6.36	1.99	24.1	15.2	25
26	10.8	10.6	11.3	14.4	4.59	5.29	1.36	0.663	4.54	2.36	21.8	14.9	26
27	11.1	8.25	8.16	13.4	3.76	4.65	1.35	0.640	7.73	97.6	15.9	13.0	27
28	8.93	6.92	7.68	40.6	3.30	4.14	1.28	0.745	28.2	84.9	13.1	11.4	28
29	7.66		22.1	20.7	3.00	4.09	1.18	0.766	10.9	32.9	12.9	10.4	29
30	6.91		13.5	11.6	2.76	3.88	1.24	0.641	17.4	67.3	33.4	9.66	30
31	6.36		60.8		2.58		1.25	0.932		312		9.88	31
TOTAL	388.80	869.71	254.65	678.39	166.48	231.67	60.46	26.164	228.770	1 085.43	1 330.3	1 402.24	TOTAL
MEAN	12.5	31.1	8.21	22.6	5.37	7.72	1.95	0.844	7.63	35.0	44.3	45.2	MEAN
MAX	54.3	138	60.8	84.6	22.9	19.6	3.56	1.22	73.9	312	187	187	MAX
MIN	5.01	3.72	3.07	7.60	2.29	2.35	1.18	0.566	0.698	1.99	11.8	9.66	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 312 ON OCT 31
MINIMUM DAILY, 0.566 ON AUG 24
MAXIMUM INSTANTANEOUS,
440 AT 11:19 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 34 N
LONG 124 57 54 W
DRAINAGE AREA, 162 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 600	JUL	5 220
FEB	75 100	AUG	2 260
MAR	22 000	SEP	19 800
APR	58 600	OCT	93 800
MAY	14 400	NOV	115 000
JUN	20 000	DEC	121 000

TOTAL DISCHARGE, 581 000 dam³

SCOTTIE CREEK ABOVE CHRONE CREEK - STATION NO. 08LF089

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.155E	0.382	0.816	0.535	0.629	0.174	0.120	---	---	1
2	---	---	---	0.150A	0.320	0.682	0.377	0.417	0.224	0.140	---	---	2
3	---	---	---	0.145E	0.288	0.639	0.322	0.345	0.176	0.144	---	---	3
4	---	---	---	0.140E	0.304	0.540	0.295	0.322	0.177	0.142	---	---	4
5	---	---	---	0.130E	0.301	0.484	0.278	0.296	0.207	0.140	---	---	5
6	---	---	---	0.120E	0.294	0.442	0.264	0.282	0.170	0.144	---	---	6
7	---	---	---	0.110E	0.330	0.413	0.347	0.261	0.148	0.194	---	---	7
8	---	---	---	0.100E	0.394	0.393	0.323	0.246	0.130	0.181	---	---	8
9	---	---	---	0.095E	0.449	0.415	0.281	0.232	0.116	0.171	---	---	9
10	---	---	---	0.090E	0.461	0.427	0.270	0.216	0.111	0.170	---	---	10
11	---	---	---	0.090E	0.436	0.398	0.301	0.205	0.104	0.162	---	---	11
12	---	---	---	0.090E	0.475	0.361	0.266	0.192	0.099	0.155	---	---	12
13	---	---	---	0.094E	0.457	0.462	0.245	0.179	0.098	0.149	---	---	13
14	---	---	---	0.112A	0.438	0.535	0.259	0.174	0.095	0.149	---	---	14
15	---	---	---	0.124	0.559	0.452	0.697	0.165	0.091	0.155A	---	---	15
16	---	---	---	0.147	0.632	0.394	0.724	0.158	0.084	---	---	---	16
17	---	---	---	0.161	0.534	0.487	0.473	0.156	0.080	---	---	---	17
18	---	---	---	0.169	0.501	0.664	0.429	0.150	0.075	---	---	---	18
19	---	---	---	0.188	0.526	0.599	0.407	0.144	0.104	---	---	---	19
20	---	---	---	0.223	0.552	0.485	0.430	0.148	0.140	---	---	---	20
21	---	---	---	0.221	0.762	0.433	0.426	0.159	0.120	---	---	---	21
22	---	---	---	0.241	0.972	0.404	0.390	0.151	0.107	---	---	---	22
23	---	---	---	0.301	0.845	0.406	0.369	0.140	0.103	---	---	---	23
24	---	---	---	0.382	0.749	0.368	0.421	0.130	0.099	---	---	---	24
25	---	---	---	0.302	0.728	0.343	0.354	0.123	0.099	---	---	---	25
26	---	---	---	0.264	0.782	0.321	0.315	0.121	0.098	---	---	---	26
27	---	---	---	0.265	0.649	0.311	0.295	0.119	0.096	---	---	---	27
28	---	---	---	0.249	0.562	0.304	0.276	0.116	0.098	---	---	---	28
29	---		---	0.268	0.492	0.292	0.281	0.131	0.096	---	---	---	29
30	---		---	0.300	0.473	0.310	0.356	0.142	0.107	---	---	---	30
31	---		---		0.877		0.523	0.133		---		---	31
TOTAL	---	---	---	5.426	16.524	13.580	11.529	6.382	3.626	---	---	---	TOTAL
MEAN	---	---	---	0.181	0.533	0.453	0.372	0.206	0.121	---	---	---	MEAN
MAX	---	---	---	0.382	0.972	0.816	0.724	0.629	0.224	---	---	---	MAX
MIN	---	---	---	0.090	0.288	0.292	0.245	0.116	0.075	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.972 ON MAY 22

MAXIMUM INSTANTANEOUS,
1.09 AT 15:00 PST ON MAY 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 01 N
LONG 121 23 54 W
DRAINAGE AREA, 141 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	996
FEB	---	AUG	551
MAR	---	SEP	313
APR	469	OCT	---
MAY	1 430	NOV	---
JUN	1 170	DEC	---

SENTINEL CREEK ABOVE GARIBALDI LAKE - STATION NO. 08GA056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.01	1.19	2.42	1.75	---	---	1
2	---	---	---	---	---	---	1.08	1.25	1.29	---	---	---	2
3	---	---	---	---	---	---	1.53	1.15	1.02	---	---	---	3
4	---	---	---	---	---	---	1.65	1.16	0.956	---	---	---	4
5	---	---	---	---	---	---	1.69	1.21	0.920A	---	---	---	5
6	---	---	---	---	---	---	1.37	1.60	1.25 A	2.77	---	---	6
7	---	---	---	---	---	---	1.10	1.97	1.30	0.800A	---	---	7
8	---	---	---	---	---	---	0.953	2.12	1.44	---	---	---	8
9	---	---	---	---	---	---	0.813	2.25	1.35	---	---	---	9
10	---	---	---	---	---	---	0.965	2.26	1.11 A	---	---	---	10
11	---	---	---	---	---	---	0.874	2.19	0.920A	---	---	---	11
12	---	---	---	---	---	---	1.03	2.11	0.872A	---	---	---	12
13	---	---	---	---	---	---	1.07	2.18	0.872A	---	---	---	13
14	---	---	---	---	---	---	1.07	2.16	0.872A	---	---	---	14
15	---	---	---	---	---	---	1.24	2.11	1.19 A	---	---	---	15
16	---	---	---	---	---	---	1.47	2.10	1.32	---	---	---	16
17	---	---	---	---	---	---	1.57	1.95	1.51	---	---	---	17
18	---	---	---	---	---	---	1.48	1.85	1.55	---	---	---	18
19	---	---	---	---	---	---	1.48	1.55	1.09	---	---	---	19
20	---	---	---	---	---	---	1.47	1.49	---	---	---	---	20
21	---	---	---	---	---	---	1.37	1.30	---	---	---	---	21
22	---	---	---	---	---	---	1.42	1.26	---	---	---	---	22
23	---	---	---	---	---	---	1.56	1.47	---	---	---	---	23
24	---	---	---	---	---	---	1.64	1.42	---	---	---	---	24
25	---	---	---	---	---	---	1.64	1.33	---	---	---	---	25
26	---	---	---	---	---	0.656A	1.86	1.05	---	---	---	---	26
27	---	---	---	---	---	0.736	2.06	0.974	1.19 A	---	---	---	27
28	---	---	---	---	---	0.643	1.89	0.920A	---	---	---	---	28
29	---		---	---	---	1.07	1.45	0.994A	---	---	---	---	29
30	---		---	---	---	1.14	1.17	0.926A	---	---	---	---	30
31	---		---		---		1.12	1.82 A		---		---	31
TOTAL	---	---	---	---	---	---	42.095	49.314	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	1.36	1.59	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	2.06	2.26	---	---	---	---	MAX
MIN	---	---	---	---	---	---	0.813	0.920	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 10 N
LONG 122 59 49 W
DRAINAGE AREA, 5.70 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 640
FEB	---	AUG	4 260
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SETON RIVER NEAR LILLOOET - STATION NO. 08ME003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.73	6.91	7.08	6.54	6.31	6.16	6.37	26.3	71.5	13.3	12.1	6.20	1
2	8.40	6.96	7.10	6.58	6.27	6.14	6.34	31.3	71.5	12.6	11.9	6.22	2
3	8.96	6.98	7.08	6.63	6.26	6.10	6.32	31.6	71.4	11.7	19.8	6.23	3
4	8.95	6.96	7.05	6.66	6.25	6.06	6.31	31.5	71.2	11.7	31.6	6.23	4
5	8.87	6.93	7.02	6.64	6.28	6.05	6.33	31.5	71.1	11.9	31.4	6.20	5
6	8.23	6.99	6.97	6.61	6.30	6.05	6.31	31.8	70.8	11.4	31.6	6.22	6
7	7.58	6.95	6.98	6.61	6.36	6.03	6.35	15.1	70.6	11.5	31.7	6.20	7
8	7.46	6.96	6.98	6.61	6.31	6.06	6.29	21.6	61.4	12.6	31.8	6.17	8
9	7.37	6.93	6.95	6.56	6.34	6.06	6.34	22.5	49.7	11.5	31.6	6.15	9
10	7.23	7.01	6.89	6.56	6.34	6.05	6.45	70.8	32.9	11.4	31.4	6.15	10
11	7.24	7.06	6.86	6.56	6.34	6.28	6.45	62.9	16.0	11.5	31.2	6.17	11
12	7.30	7.04	6.89	6.52	6.40	6.39	6.42	58.6	16.2	11.3	29.1	6.16	12
13	7.36	6.99	6.87	6.50	6.44	6.41	6.41	79.6	16.1	11.7	11.9	6.19	13
14	7.40	6.98	6.79	6.50	6.47	6.38	6.51	85.3	16.3	11.6	12.8	6.19	14
15	7.33	7.04	6.83	6.50	6.34	6.38	6.50	85.3	16.1	11.5	12.9	6.18	15
16	7.30	7.09	6.86	6.48	6.34	6.34	6.49	83.4	15.9	11.4	12.9	6.18	16
17	7.27	7.12	6.81	6.49	6.37	6.35	6.49	58.7	13.3	11.5	13.1	6.18	17
18	7.26	7.16	6.82	6.44	6.33	6.35	6.48	59.1	10.1	11.7	13.2	6.17	18
19	7.28	7.07	6.80	6.45	6.38	6.33	6.50	82.8	9.94	12.1	13.1	6.18	19
20	7.22	7.23	6.70	6.44	6.33	6.36	6.51	83.6	9.94	11.8	13.1	6.17	20
21	7.18	7.24	6.71	6.42	6.37	6.36	6.51	59.5	10.0	11.6	13.2	6.16	21
22	7.27	7.23	6.72	6.41	6.36	6.33	6.51	74.7	10.0	13.5	13.2	6.14	22
23	7.27	7.22	6.72	6.38	6.38	6.36	25.0	84.8	11.5	15.0	13.2	6.17	23
24	6.92	7.24	6.71	6.43	6.35	6.34	124	84.8A	13.3	14.9	8.65	6.19	24
25	6.83	7.32	6.70	6.41	6.29	6.35	92.4	84.5E	12.7	15.0	6.23	6.18	25
26	6.79	7.24	6.65	6.38	6.34	6.36	86.1	84.0E	12.9	15.1	6.23	6.18	26
27	6.85	7.17	6.65	6.35	6.35	6.35	43.0	83.5A	13.4	15.3	6.24	6.17	27
28	6.85	7.12	6.65	6.34	6.37	6.33	31.6	61.4	13.2	15.3	6.22	6.17	28
29	6.86		6.63	6.33	6.32	6.34	31.4	54.2	13.1	13.3	6.22	6.19	29
30	6.88		6.59	6.35	6.23	6.35	31.4	69.1	13.3	11.7	6.22	6.22	30
31	6.89		6.58		6.18		12.4	71.5		11.8		6.19	31
TOTAL	230.33	198.14	211.64	194.68	196.30	187.80	618.49	1 865.3	905.38	388.2	507.81	191.70	TOTAL
MEAN	7.43	7.08	6.83	6.49	6.33	6.26	20.0	60.2	30.2	12.5	16.9	6.18	MEAN
MAX	8.96	7.32	7.10	6.66	6.47	6.41	124	85.3	71.5	15.3	31.8	6.23	MAX
MIN	6.79	6.91	6.58	6.33	6.18	6.03	6.29	15.1	9.94	11.3	6.22	6.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 124 ON JUL 24
MINIMUM DAILY, 6.03 ON JUN 7
MAXIMUM INSTANTANEOUS,
132 AT 21:20 PST ON JUL 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 20 N
LONG 121 58 10 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 900	JUL	53 400
FEB	17 100	AUG	161 000
MAR	18 300	SEP	78 200
APR	16 800	OCT	33 500
MAY	17 000	NOV	43 900
JUN	16 200	DEC	16 600

TOTAL DISCHARGE, 492 000 dam³

SEYMOUR RIVER NEAR NORTH VANCOUVER - STATION NO. 08GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.0	4.58	4.38	26.6	31.0	11.2	12.2	1.72	8.75	94.4	117	14.6	1
2	19.9	3.85	3.71	17.5	22.2	10.5	8.31	1.64	3.11	50.7	38.1	24.5	2
3	8.47	3.34	5.00	17.4	22.1	23.7	6.70	1.61	2.42	22.3	21.8	13.6	3
4	7.87	3.11	4.74	11.9	28.0	25.3	5.79	2.12	2.25	15.2	20.5	15.3	4
5	7.56	2.96	3.77	37.0	17.1	47.9	5.32	5.16	2.12	12.2	20.1	112	5
6	7.33	2.84	3.06	20.3	11.7	45.3	4.38	1.69	2.03	80.3	8.50	40.4	6
7	7.15	2.75	2.91	11.3	10.8	20.1	3.66	1.62	1.92	110	22.7	28.1	7
8	6.93	2.63	2.83	17.2	10.5	13.1	2.94	1.58	1.78	105	22.2	21.2	8
9	7.76	2.51	2.81	16.0	13.9	14.0	2.60	1.55	1.77	59.4	18.3	36.6	9
10	7.50	2.49	2.70	13.5	14.5	26.8	2.54	1.54	1.75	23.7	13.7	63.3	10
11	7.19	2.45	2.64	22.6	15.5	25.1	2.52	1.51	1.71	13.2	22.9	29.9	11
12	8.14	2.76	2.59	14.8	15.0	15.0	2.45	1.50	1.58	8.59	36.9	16.5	12
13	9.83	11.5	2.59	9.92	19.4	15.8	2.32	1.49	1.56	5.68	30.9	10.6	13
14	9.55	63.6	2.54	7.60	23.8	13.8	2.25	1.51	1.52	4.05	70.7	11.1	14
15	9.41	84.7	3.14	8.01	20.0	11.6	2.44	1.47	1.52	3.16	75.6	9.60	15
16	9.33	106	4.04	10.5	4.70	16.8	2.35	1.44	1.53	2.65	37.1	7.11	16
17	9.49	82.7	3.02	10.6	4.37	15.4	2.31	1.40	1.50	2.37	26.5	5.37	17
18	11.9	72.7	2.68	10.4	4.74	25.4	2.70	1.41	1.49	2.11	27.6	10.5	18
19	12.3	77.1	2.47	12.7	5.64	36.5	2.55	1.40	1.56	2.10	23.6	66.2	19
20	15.2	38.3	2.29	16.8	5.10	25.2	2.47	1.67	1.62	2.10	34.2	35.2	20
21	28.5	28.9	2.15	16.7	4.93	22.2	2.37	1.48	6.98	1.96	80.8	17.2	21
22	46.4	19.7	2.57	67.6	4.31	31.5	2.26	1.43	20.0	1.97	56.9	10.3	22
23	28.5	15.1	4.46	102	4.18	30.9	2.03	1.40	23.4	1.78	37.9	7.48	23
24	10.6	16.2	3.92	76.9	12.0	21.0	2.02	1.39	13.5	1.74	22.4	7.04	24
25	10.3	13.2	10.6	28.1	50.6	15.0	1.99	1.52	8.88	1.70	16.9	5.53	25
26	8.59	9.73	13.5	16.0	27.5	12.2	1.94	1.47	6.73	1.91	13.8	4.67	26
27	9.21	7.04	8.10	14.7	16.3	9.85	1.87	1.44	20.3	37.7	9.12	3.88	27
28	8.26	5.34	7.00	37.6	12.7	7.44	1.85	1.40	79.1	102	6.47	3.30	28
29	7.96		19.0	31.0	15.5	11.4	1.84	1.43	37.8	46.6	5.54	3.05	29
30	6.66		21.5	32.2	22.1	12.5	1.82	1.41	29.8	45.8	5.79	2.84	30
31	5.41		54.1		16.9		1.76	2.60		430 E		2.69	31
TOTAL	382.20	688.08	210.81	735.43	487.07	612.49	100.55	52.00	290.04	1 292.27	944.52	639.66	TOTAL
MEAN	12.3	24.6	6.80	24.5	15.7	20.4	3.24	1.68	9.67	41.7	31.5	20.6	MEAN
MAX	46.4	106	54.1	102	50.6	47.9	12.2	5.16	79.1	430	117	112	MAX
MIN	5.41	2.45	2.15	7.60	4.18	7.44	1.76	1.39	1.49	1.70	5.54	2.69	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.6
MAXIMUM DAILY, 430E ON OCT 31
MINIMUM DAILY, 1.39 ON AUG 24
MAXIMUM INSTANTANEOUS,
650 AT 12:30 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 32 N
LONG 123 00 05 W
DRAINAGE AREA, 176 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 000	JUL	8 690
FEB	59 500	AUG	4 490
MAR	18 200	SEP	25 100
APR	63 500	OCT	112 000
MAY	42 100	NOV	81 600
JUN	52 900	DEC	55 300

TOTAL DISCHARGE, 556 000 dam³

SEYMOUR RIVER NEAR SEYMOUR ARM - STATION NO. 08LE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.0	14.3	15.4	29.0	92.6	140	122	65.8	65.5	68.2	48.7	14.5	1
2	21.3	13.2	14.5	26.7	87.2	118	108	53.2	85.0	127	48.4	14.5	2
3	18.8	13.3	14.9	25.4	62.3	137	114	49.5	48.8	63.8	41.2	13.5	3
4	18.0	12.9	17.4	22.6	49.9	132	132	50.7	50.5	44.2	25.1	12.9	4
5	17.1	12.6	16.7	22.1	48.3	113	131	47.0	50.5	34.8	29.2	13.6	5
6	16.2	12.9	15.2	20.5	41.9	146	112	44.0	36.7	32.5	25.8	14.7	6
7	15.2	12.8	14.1	18.6	38.8	121	94.5	45.2	30.1	56.9	23.2	13.6	7
8	14.4	11.9	13.6	17.7	39.1	90.4	73.6	47.1	28.7	53.4	21.2	13.0	8
9	13.8	11.1	13.1	17.9	43.0	84.6	58.1	46.4	28.4	45.5	19.5	12.5	9
10	13.2	9.31	12.7	17.0	53.4	81.8	57.4	42.6	30.8	39.5	18.0	15.9	10
11	12.3	10.2 B	12.6	16.1	54.7	74.5	87.7	41.7	25.2	32.9	17.4	16.9	11
12	12.3	10.5 B	12.8	15.3	56.5	71.4	77.5	41.5	22.4	28.6	37.7	14.0	12
13	11.9	10.9 B	13.3	14.1	65.9	68.2	77.4	38.9	19.5	25.5	33.9	12.6	13
14	11.2	11.3 B	13.7	13.4	71.6	76.4	84.0	34.2	17.6	23.2	26.9	12.3 B	14
15	10.1	12.9	14.3	13.6	82.9	86.3	84.7	34.6	16.6	21.7	27.6	12.2 B	15
16	9.65	15.0	19.6	15.2	85.1	121	85.4	34.3	17.8	21.6	26.2	11.9 B	16
17	11.4 B	19.3	23.4	16.6	93.8	98.9	91.1	37.9	18.9	21.2	23.4	11.7 B	17
18	12.6 B	22.6	21.4	18.2	99.3	77.8	91.2	33.6	19.6	19.8	21.6	11.5 B	18
19	11.6 B	21.2	19.4	21.8	121	77.0	86.0	30.6	28.1	19.1	20.1	11.3 B	19
20	11.2	20.3	18.1	30.5	130	85.9	81.8	43.4	24.0	17.5	19.6	11.0	20
21	10.3	19.5	17.0	39.0	137	91.5	100	43.6	20.0	15.9	20.3	10.4	21
22	12.3	18.4	16.7	41.2	170	85.3	89.7	30.6	19.7	15.0	21.9	9.71	22
23	22.3	17.6	17.0	48.3	178	105	77.7	26.9	22.4	14.4	20.9	9.70B	23
24	33.6	18.6	16.9	84.9	164	108	89.1	27.7	21.6	14.1	19.3	9.65B	24
25	28.6	19.1	17.3	71.4	167	102	84.8	29.3	19.0	14.9	17.9	9.50B	25
26	24.2	18.6	17.6	51.1	196	113	67.9	28.9	16.6	21.1	16.7	9.29	26
27	21.4	17.3	18.1	41.2	147	102	64.7	25.2	15.3	26.3	15.4	8.89	27
28	19.2	16.2	18.9	40.3	107	82.8	81.5	21.4	20.7	44.8	14.6	8.57	28
29	17.6		22.3	44.8	103	83.9	71.2	21.1	25.5	47.2	14.4	8.51	29
30	16.4		25.7	49.2	136	114	64.6	26.0	23.1	35.7	14.3	8.31	30
31	15.4		27.2		205		73.2	21.3		35.4		8.32	31
TOTAL	507.55	423.81	530.9	903.7	3 127.3	2 988.7	2 713.8	1 164.2	868.6	1 081.7	740.4	364.95	TOTAL
MEAN	16.4	15.1	17.1	30.1	101	99.6	87.5	37.6	29.0	34.9	24.7	11.8	MEAN
MAX	33.6	22.6	27.2	84.9	205	146	132	65.8	85.0	127	48.7	16.9	MAX
MIN	9.65	9.31	12.6	13.4	38.8	68.2	57.4	21.1	15.3	14.1	14.3	8.31	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.2
MAXIMUM DAILY, 205 ON MAY 31
MINIMUM DAILY, 8.31 ON DEC 30
MAXIMUM INSTANTANEOUS,
226 AT 08:20 PST ON MAY 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 45 N
LONG 118 56 48 W
DRAINAGE AREA, 805 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 900	JUL	234 000
FEB	36 600	AUG	101 000
MAR	45 900	SEP	75 000
APR	78 100	OCT	93 500
MAY	270 000	NOV	64 000
JUN	258 000	DEC	31 500

TOTAL DISCHARGE, 1 330 000 dam³

SHATFORD CREEK NEAR PENTICTON - STATION NO. 08NM037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.108E	0.065B	0.079B	0.113	0.983	2.97	1.05	0.493	0.244	0.147	0.159E	0.113E	1
2	0.105E	0.062B	0.082B	0.116	0.940	2.66	0.954	0.473	0.227	0.283	0.150E	0.105E	2
3	0.102E	0.068B	0.091B	0.113	0.787	2.47	0.900	0.541	0.193	0.197	0.136E	0.099E	3
4	0.108E	0.068B	0.099B	0.110	0.708	2.24	0.844	0.487	0.167	0.162	0.125E	0.102E	4
5	0.110E	0.065B	0.099B	0.113	0.620	2.22	0.804	0.445	0.156	0.148	0.119E	0.099	5
6	0.110E	0.068B	0.093B	0.110	0.580	2.28	0.782	0.396	0.150	0.153	0.113E	0.096	6
7	0.110E	0.068B	0.091B	0.105	0.535	1.83	0.847	0.362	0.133	0.391	0.116E	0.095	7
8	0.108E	0.068B	0.091B	0.108	0.521	1.72	0.949	0.340	0.119	0.293	0.122E	0.096	8
9	0.102E	0.071B	0.088B	0.102	0.586	2.08	0.903	0.320	0.105	0.248	0.119E	0.100	9
10	0.093E	0.071B	0.085B	0.099	0.629	2.02	0.903	0.294	0.102	0.201	0.127E	0.100	10
11	0.096E	0.074B	0.088	0.102	0.631	1.87	0.852	0.272	0.099	0.175	0.127E	0.088	11
12	0.093E	0.076B	0.093	0.099	0.640	1.66	0.773	0.255	0.093	0.168	0.147E	0.046	12
13	0.093E	0.082B	0.093	0.093	0.722	1.62	1.24	0.241	0.085	0.157	0.144E	0.038	13
14	0.091E	0.085B	0.099	0.096	0.847	1.74	1.35	0.227	0.082	0.155	0.142E	0.069	14
15	0.088E	0.088B	0.099	0.099	1.20	1.67	1.03	0.227	0.079	0.159E	0.144E	0.075	15
16	0.088E	0.088B	0.108	0.105	1.11	1.66	0.909	0.224	0.076	0.167E	0.139E	0.066	16
17	0.091E	0.085B	0.099	0.108	1.14	1.45	0.844	0.229	0.076A	0.178E	0.130E	0.070	17
18	0.096E	0.085B	0.102	0.110	1.42	1.51	1.07	0.204	0.060	0.184E	0.133E	0.086	18
19	0.093E	0.085B	0.099	0.119	2.16	1.87	0.934	0.212	0.124	0.176E	0.139E	0.097	19
20	0.096E	0.079B	0.096	0.139	2.28	1.71	0.818	0.195	0.114	0.167E	0.133E	0.087	20
21	0.096E	0.079B	0.096	0.142	2.89	1.48	0.779	0.176	0.096	0.159E	0.139E	0.072	21
22	0.093E	0.082B	0.096	0.153	3.06	1.45	0.728	0.164	0.089	0.161E	0.139E	0.066	22
23	0.099E	0.076B	0.095	0.221	3.40	1.42	0.810	0.153	0.095	0.164E	0.130E	0.065B	23
24	0.099E	0.071B	0.096	0.326	3.88	1.34	0.810	0.139	0.100	0.170E	0.122E	0.062B	24
25	0.088E	0.074B	0.105	0.348	5.61	1.24	0.765	0.130	0.119	0.161E	0.113E	0.062B	25
26	0.091E	0.079B	0.125	0.334	3.88	1.20	0.674	0.130	0.109	0.170E	0.108E	0.062B	26
27	0.093E	0.079B	0.119	0.337	3.11	1.21	0.634	0.122	0.110	0.178E	0.105E	0.062B	27
28	0.091E	0.082B	0.119	0.354	2.97	1.18	0.583	0.119	0.151	0.161E	0.108E	0.062B	28
29	0.093E		0.122	0.447	3.23	1.09	0.561	0.195	0.166	0.150E	0.110E	0.062B	29
30	0.082E		0.122	0.648	3.88	1.07	0.541	0.317	0.145	0.144E	0.113E	0.062B	30
31	0.071E		0.119		3.34		0.513	0.218		0.150E		0.062B	31
TOTAL	2.983	2.123	3.092	5.469	58.289	51.93	26.154	8.300	3.664	5.677	3.851	2.426	TOTAL
MEAN	0.096	0.076	0.100	0.182	1.88	1.73	0.844	0.268	0.122	0.183	0.128	0.078	MEAN
MAX	0.110	0.088	0.125	0.648	5.61	2.97	1.35	0.541	0.244	0.391	0.159	0.113	MAX
MIN	0.071	0.062	0.079	0.093	0.521	1.07	0.513	0.119	0.060	0.144	0.105	0.038	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.477
MAXIMUM DAILY, 5.61 ON MAY 25
MINIMUM DAILY, 0.038 ON DEC 13
MAXIMUM INSTANTANEOUS,
9.43 AT 15:32 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 42 N
LONG 119 45 00 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	258	JUL	2 260
FEB	183	AUG	717
MAR	267	SEP	317
APR	473	OCT	490
MAY	5 040	NOV	333
JUN	4 490	DEC	210

TOTAL DISCHARGE, 15 000 dam³

SHAWNIGAN CREEK NEAR MILL BAY - STATION NO. 08HA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.4 E	2.97	6.30	1.45	1.69	0.580	0.472	0.140	0.032	0.188	2.77	7.30	1
2	11.5	2.94	5.42	1.45	1.64	0.580	0.472	0.134	0.026	0.188	2.87	8.15	2
3	9.03	2.87	4.90	1.43	1.59	0.580	0.430	0.128	0.016	0.200	2.97	8.40	3
4	8.10	2.87	4.50	1.69	1.69	0.580	0.402	0.116	0.016	0.220	3.04	9.15	4
5	7.60	2.60	4.32	2.43	1.57	0.644	0.360	0.116	0.006	0.270	2.94	10.2	5
6	7.40	2.60	4.14	2.27	1.57	0.644	0.350	0.110	0.006	0.430	2.94	10.4	6
7	6.70	2.57	3.62	2.27	1.57	0.644	0.340	0.110	0.006	0.980	2.94	10.0	7
8	6.10	2.43	3.42	2.43	1.57	0.820	0.340	0.104	0.006	1.03	2.60	9.65	8
9	5.54	2.24	3.28	2.40	1.52	0.820	0.340	0.092	0.003	1.06	2.60	10.4	9
10	5.10	1.97	3.21	2.43	1.45	0.820	0.310	0.080	0.001	1.16	2.53	12.2	10
11	4.94	2.37	2.60	2.57	1.38	0.740	0.310	0.080	0.001	1.23	2.94	11.4	11
12	4.70	2.60	2.43	2.80	1.31	0.660	0.310	0.075	0.001	1.23	3.11	10.9	12
13	4.25	2.94	2.27	2.77	1.31	0.660	0.310	0.075	0.001	1.14	3.28	10.4	13
14	3.79	3.11	2.14	2.80	1.23	0.580	0.310	0.075	0.001	1.14	3.65	10.2	14
15	3.76	5.50	1.97	2.87	1.14	0.580	0.300	0.066	0.002	1.11	4.14	11.2	15
16	3.69	7.50	1.86	2.91	1.04	0.660	0.260	0.061	0.001	1.06	4.70	10.4	16
17	3.62	11.2	1.69	2.77	1.06	0.740	0.260	0.048	0.001	0.980	5.70	10.4	17
18	3.59	12.2	1.67	2.60	1.06	0.820	0.252	0.048	0.001	0.980	6.10	9.65	18
19	3.45	14.8	1.57	2.43	1.03	0.740	0.252	0.048	0.007	0.980	6.14	10.9	19
20	3.45	14.7	1.45	2.27	0.980	0.740	0.252	0.048	0.374	0.980	6.18	10.2	20
21	3.38	13.2	1.33	2.11	0.948	0.708	0.252	0.048	0.040	0.964	7.30	9.53	21
22	3.28	11.3	1.23	2.14	0.932	0.676	0.228	0.036	0.080	0.852	8.65	8.78	22
23	3.28	11.3	1.21	2.05	0.900	0.660	0.220	0.036	0.095	0.360	8.40	8.40	23
24	3.28	14.2	1.16	2.00	0.884	0.644	0.204	0.032	0.080	0.360	8.40	8.35	24
25	3.21	10.0	1.23	1.83	0.836	0.644	0.188	0.032	0.080	0.416	8.15	8.25	25
26	3.18	10.4	1.23	1.69	0.820	0.580	0.180	0.032	0.080	0.500	7.90	8.20	26
27	3.18	9.90	1.21	1.69	0.788	0.580	0.180	0.032	0.180	0.804	7.34	8.20	27
28	3.11	9.15	1.14	1.83	0.740	0.500	0.172	0.036	0.196	0.900	6.90	6.30	28
29	3.11		1.33	1.83	0.700	0.486	0.164	0.036	0.180	0.964	6.90	6.10	29
30	3.04		1.23	1.80	0.644	0.486	0.148	0.036	0.140	1.33	6.90	5.70	30
31	3.01		1.45		0.612		0.148	0.036		2.11		5.70	31
TOTAL	152.77	192.43	76.51	66.01	36.204	19.596	8.716	2.146	1.659	26.116	150.98	285.01	TOTAL
MEAN	4.93	6.87	2.47	2.20	1.17	0.653	0.281	0.069	0.055	0.842	5.03	9.19	MEAN
MAX	11.5	14.8	6.30	2.91	1.69	0.820	0.472	0.140	0.374	2.11	8.65	12.2	MAX
MIN	3.01	1.97	1.14	1.43	0.612	0.486	0.148	0.032	0.001	0.188	2.53	5.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.79
MAXIMUM DAILY, 14.8 ON FEB 19
MINIMUM DAILY, 0.001 ON SEP 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 29 N
LONG 123 34 08 W
DRAINAGE AREA, 91.9 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	753
FEB	16 600	AUG	185
MAR	6 610	SEP	143
APR	5 700	OCT	2 260
MAY	3 130	NOV	13 000
JUN	1 690	DEC	24 600

TOTAL DISCHARGE, 87 900 dam³

SHAWNIGAN LAKE OPPOSITE MEMORY ISLAND - STATION NO. 08HA032

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.619	0.561	0.418	0.293	---	---	---	1
2	---	---	---	0.701	---	---	0.558	0.408	0.287	---	---	---	2
3	---	---	---	---	---	---	0.552	0.402	0.283	0.320	---	---	3
4	---	---	---	---	---	---	0.549	---	0.277	---	---	---	4
5	---	---	---	---	0.756	---	0.539	0.396	0.280	---	---	1.274	5
6	---	---	---	---	---	0.613	---	0.390	0.277	---	0.485	---	6
7	---	---	---	---	---	0.610	0.524	0.387	---	0.338	0.475	---	7
8	1.186	---	---	---	---	0.610	---	0.381	0.274	---	0.463	---	8
9	---	---	---	---	---	---	0.509	0.381	0.271	0.347	0.454	---	9
10	---	---	---	---	---	---	---	0.378	0.268	0.341	---	---	10
11	---	---	---	---	---	---	0.497	0.375	0.268	0.335	---	1.512	11
12	---	0.777	---	---	---	---	0.494	0.369	0.265	0.326	---	1.484	12
13	---	---	0.777	---	---	---	0.503	0.366	0.262	---	---	---	13
14	---	---	---	---	---	---	0.500	0.363	0.259	---	---	---	14
15	---	---	---	---	0.716	---	0.491	0.357	0.256	---	---	---	15
16	---	---	---	---	0.713	---	---	---	---	---	---	---	16
17	---	---	---	---	0.701	---	0.491	0.351	0.253	---	---	1.420	17
18	---	1.570	---	---	0.692	---	0.485	0.341	---	---	---	---	18
19	---	---	---	---	0.686	---	0.488	0.338	---	---	---	---	19
20	---	1.780	---	---	0.689	0.600	0.479	0.335	---	---	---	---	20
21	---	---	---	---	0.683	0.607	0.472	---	---	---	---	---	21
22	---	---	---	---	0.674	0.604	0.466	---	---	---	---	---	22
23	---	---	---	---	0.668	---	0.463	0.317	---	---	---	---	23
24	---	---	---	---	0.658	0.604	0.460	0.311	---	---	1.146	---	24
25	---	---	---	---	0.655	0.604	0.457	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	0.241	---	---	26
27	---	---	---	---	---	0.588	---	---	---	---	1.128	---	27
28	---	---	---	---	---	0.588	0.448	---	---	---	---	---	28
29	---		---	---	---	0.582	---	0.293	---	---	---	---	29
30	---		---	---	---	---	0.396	0.293	---	---	---	---	30
31	---		---	---	0.634	0.564	0.421	0.287	---	---	0.966	---	31
					0.631		---	0.283		0.299			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 36 32 N
LONG 123 38 25 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SHINGLE CREEK AT THE MOUTH - STATION NO. 08NM150

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.11	---	---	---	---	---	---	---	1
2	0.303	0.244	0.232	---	1.29	4.19	---	---	---	---	---	---	2
3	---	---	0.232	0.232	---	---	1.27	---	---	---	---	---	3
4	---	0.187	0.331	---	1.29	---	---	---	---	---	---	---	4
5	---	---	0.255	---	---	2.92	---	---	---	---	---	---	5
6	0.244	---	---	---	0.816	---	0.881	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	0.255	---	---	0.207	0.648	2.24	---	0.057	---	---	---	---	8
9	---	---	---	---	---	2.60	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	0.161	0.207	---	---	---	---	---	---	---	---	---	11
12	---	---	0.218	---	0.648	2.60	---	---	---	---	---	---	12
13	---	---	---	0.195	---	---	0.966	---	---	---	---	---	13
14	---	---	---	---	---	---	2.35	0.048	---	---	---	---	14
15	---	---	---	0.187	2.30	---	---	---	---	---	---	---	15
16	---	---	0.232	---	2.97 E	---	---	---	---	---	---	---	16
17	---	0.303	---	---	3.68 E	---	1.11	---	0.042	---	---	---	17
18	---	---	---	---	4.39 E	---	---	---	---	---	---	---	18
19	0.207	---	---	---	5.04 E	2.86	---	---	---	---	---	---	19
20	---	---	---	---	5.75	---	---	---	---	---	---	---	20
21	---	---	---	---	6.65	---	---	0.045	---	---	---	---	21
22	---	---	---	0.255	6.68 E	---	0.841	0.042	---	---	---	---	22
23	---	---	---	0.187	6.71	---	---	---	---	---	---	---	23
24	---	---	---	---	9.23 E	2.12	---	---	---	---	---	---	24
25	---	0.377	---	---	11.7	---	---	---	---	---	---	---	25
26	---	---	0.398	---	8.04	1.89	---	---	---	---	---	---	26
27	0.232	---	---	0.331	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	0.887	---	---	---	---	---	29
30	0.232		0.244	---	---	1.48	---	---	---	---	---	---	30
31	---		---		---		0.439	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 28 49 N
LONG 119 36 00 W
DRAINAGE AREA, 308 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SHORTS CREEK AT THE MOUTH - STATION NO. 08NM151

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.350E	0.215B	0.262	0.339	5.85	3.36	1.28	1.13	0.354	0.316	0.784	0.512	1
2	0.335E	0.185B	0.272	0.337	5.30	3.01	1.20	1.05	0.601	0.379	0.874	0.539	2
3	0.323A	0.180B	0.264	0.316	4.13	2.84	1.12	1.03	0.559	0.413	0.826	0.475	3
4	0.292	0.180B	0.280A	0.310	3.53	2.85	1.01	1.06	0.475	0.368	0.755	0.493	4
5	0.292	0.175B	0.280E	0.330	3.01	2.62	0.950	0.954	0.459	0.337	0.685	0.533	5
6	0.296	0.170B	0.250	0.333	2.89	2.46	0.892	0.839	0.402	0.389	0.632	0.519	6
7	0.284	0.165B	0.237	0.324	2.85	2.25	0.971	0.755	0.321	0.888	0.607	0.491	7
8	0.275	0.155B	0.228	0.328	2.78	2.16	1.24	0.805	0.264	0.977	0.573	0.476	8
9	0.260	0.140B	0.217	0.322	3.34	2.26	1.23	0.698A	0.234	0.846	0.562	0.494	9
10	0.256	0.030B	0.212	0.307	3.85	2.34	1.13	0.595	0.201	0.735	0.559	0.491	10
11	0.250	0.060B	0.211	0.311	3.95	2.58	1.16	0.531	0.179	0.645	0.546	0.464	11
12	0.243	0.150B	0.215	0.298	3.82	2.32	1.04	0.473	0.155	0.592	0.670	0.387B	12
13	0.243	0.160B	0.211	0.283	4.26	2.33	0.985	0.426	0.140	0.532	0.759	0.382B	13
14	0.215	0.170B	0.211	0.268	4.79	2.44	1.12	0.383	0.124	0.494	0.739	0.386B	14
15	0.193	0.180B	0.231	0.295	5.94	2.13	1.08	0.359	0.115	0.476	0.727	0.392	15
16	0.172	0.195B	0.260	0.338	6.12	2.06	1.10	0.338	0.113	0.459	0.715	0.391	16
17	0.159	0.215	0.281	0.390	6.23	1.88	1.07	0.356	0.103	0.440	0.672	0.380	17
18	0.188	0.231	0.283	0.458	7.00	1.81	1.11	0.340	0.084	0.422	0.649	0.383	18
19	0.201	0.259	0.267	0.584	8.51	2.36	1.05	0.286	0.110	0.412	0.650	0.399	19
20	0.206	0.257	0.266	0.831	8.36	2.40	1.03	0.270	0.150	0.402	0.635	0.380B	20
21	0.207	0.238	0.259	0.957	8.94	2.07	0.933	0.263	0.191	0.372	0.672	0.370B	21
22	0.212	0.205	0.251	1.03	7.51	1.94	0.844	0.247	0.183	0.360	0.669	0.360B	22
23	0.255	0.198	0.259	1.43	6.64	1.87	0.793	0.221	0.188	0.338	0.655	0.350B	23
24	0.327	0.219	0.259	2.63	6.40	1.75	1.10	0.194	0.220	0.334	0.631	0.355B	24
25	0.310B	0.266	0.251	2.35	6.80	1.61	1.30	0.159	0.226	0.357	0.560	0.346B	25
26	0.300B	0.267	0.258	1.94	7.41	1.48	1.07	0.138	0.232	0.348	0.609	0.344B	26
27	0.292B	0.263	0.270	1.84	5.50	1.37	0.924	0.124	0.240	0.373	0.560	0.340B	27
28	0.275B	0.262	0.291	1.80	4.49	1.30	0.806	0.111	0.263	0.480	0.514	0.355	28
29	0.255B		0.338	2.02	3.88	1.25	0.759	0.179	0.277	0.728	0.534	0.343	29
30	0.240B		0.358	2.93	3.72	1.25	0.914	0.289	0.277	0.718	0.504	0.330B	30
31	0.235B		0.341		3.55		0.928	0.278		0.654		0.320B	31
TOTAL	7.941	5.390	8.073	26.229	161.35	64.35	32.139	14.881	7.440	15.584	19.527	12.780	TOTAL
MEAN	0.256	0.193	0.260	0.874	5.20	2.15	1.04	0.480	0.248	0.503	0.651	0.412	MEAN
MAX	0.350	0.267	0.358	2.93	8.94	3.36	1.30	1.13	0.601	0.977	0.874	0.539	MAX
MIN	0.159	0.030	0.211	0.268	2.78	1.25	0.759	0.111	0.084	0.316	0.504	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 8.94 ON MAY 21
MINIMUM DAILY, 0.030B ON FEB 10
MAXIMUM INSTANTANEOUS,
9.42 AT 09:00 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 55 N
LONG 119 30 48 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	686	JUL	2 780
FEB	466	AUG	1 290
MAR	698	SEP	643
APR	2 270	OCT	1 350
MAY	13 900	NOV	1 690
JUN	5 560	DEC	1 100

TOTAL DISCHARGE, 32 400 dam³

SHUSWAP LAKE AT SALMON ARM - STATION NO. 08LE070

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.277	1.278	1.251	1.362	1.730	3.792	3.509	3.010	1.925	1.489	1.607	1.522	1
2	1.278	1.279	1.253	1.374	1.813	3.851	3.504	2.968	1.930	1.523	1.636	1.516	2
3	1.279	1.270	1.255	1.381	1.874	3.899	3.488	2.926	1.940	1.556	1.652	1.506	3
4	1.282	1.267	1.265	1.382	1.922	3.940	3.484	2.895	1.940	1.568	1.662	1.493	4
5	1.283	1.263	1.280	1.385	1.974	3.977	3.485	2.860	1.934	1.567	1.663	1.480	5
6	1.283	1.258	1.282	1.388	1.998	4.007	3.475	2.817	1.933	1.574	1.663	1.472	6
7	1.286	1.250	1.292	1.387	2.014	4.036	3.467	2.777	1.924	1.583	1.666	1.467	7
8	1.282	1.241	1.292	1.391	2.032	4.044	3.460	2.744	1.903	1.604	1.661	1.457	8
9	1.276	1.232	1.290	1.394	2.051	4.044	3.435	2.704	1.881	1.624	1.655	1.445	9
10	1.275	1.217	1.287	1.396	2.068	4.026	3.397	2.660	1.861	1.643	1.644	1.437	10
11	1.267	1.207	1.286	1.393	2.087	4.003	3.379	2.623	1.842	1.653	1.630	1.427	11
12	1.256	1.197	1.284	1.395	2.121	3.970	3.352	2.583	1.821	1.655	1.636	1.421	12
13	1.255	1.194	1.286	1.390	2.152	3.938	3.326	2.547	1.793	1.650	1.645	1.412	13
14	1.251	1.197	1.277	1.384	2.186	3.907	3.313	2.510	1.771	1.645	1.638	1.398	14
15	1.233	1.193	1.281	1.374	2.224	3.891	3.302	2.462	1.746	1.639	1.640	1.382	15
16	1.226	1.189	1.284	1.372	2.281	3.884	3.296	2.421	1.724	1.623	1.638	1.369	16
17	1.217	1.187	1.293	1.369	2.341	3.869	3.280	2.377	1.706	1.621	1.632	1.361	17
18	1.208	1.193	1.303	1.372	2.402	3.836	3.265	2.339	1.683	1.619	1.631	1.351	18
19	1.200	1.195	1.304	1.366	2.485	3.806	3.255	2.297	1.673	1.612	1.626	1.339	19
20	1.195	1.200	1.308	1.369	2.588	3.768	3.241	2.266	1.662	1.601	1.620	1.327	20
21	1.186	1.207	1.314	1.382	2.697	3.737	3.228	2.247	1.646	1.584	1.613	1.316	21
22	1.180	1.213	1.319	1.404	2.803	3.709	3.223	2.217	1.628	1.571	1.607	1.302	22
23	1.186	1.217	1.319	1.421	2.918	3.678	3.206	2.176	1.607	1.560	1.600	1.291	23
24	1.200	1.228	1.325	1.462	3.033	3.651	3.200	2.147	1.593	1.549	1.595	1.284	24
25	1.218	1.243	1.323	1.527	3.148	3.629	3.191	2.124	1.580	1.539	1.584	1.273	25
26	1.235	1.247	1.324	1.565	3.276	3.605	3.173	2.085	1.561	1.534	1.579	1.262	26
27	1.253	1.253	1.326	1.596	3.391	3.583	3.145	2.051	1.544	1.532	1.572	1.256	27
28	1.262	1.249	1.326	1.629	3.466	3.558	3.125	2.017	1.531	1.536	1.551	1.250	28
29	1.263		1.333	1.656	3.527	3.527	3.089	1.989	1.520	1.559	1.538	1.238	29
30	1.268		1.343	1.689	3.592	3.508	3.053	1.973	1.507	1.577	1.527	1.230	30
31	1.273		1.348		3.691		3.036	1.942		1.592		1.214	31
MEAN	1.246	1.227	1.298	1.432	2.512	3.822	3.303	2.444	1.744	1.587	1.620	1.371	MEAN
MAX	1.286	1.279	1.348	1.689	3.691	4.044	3.509	3.010	1.940	1.655	1.666	1.522	MAX
MIN	1.180	1.187	1.251	1.362	1.730	3.508	3.036	1.942	1.507	1.489	1.527	1.214	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 1.971
MAXIMUM DAILY, 4.044 ON JUN 8
MINIMUM DAILY, 1.180 ON JAN 22
MAXIMUM INSTANTANEOUS,
4.055 AT 17:40 PST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 4[illegible] 23 N
LONG 119 1[illegible] 52 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 348.229 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SHUSWAP RIVER NEAR ENDERBY - STATION NO. 08LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	56.5	57.3	58.0	64.0	107	369	209	151	57.0	44.7	62.6	50.0	1
2	56.1	56.1	57.7	62.8	113	365	208	149	57.3	49.6	63.0	52.0	2
3	55.6	56.1	58.0	63.8	113	366	211	144	55.8	49.3	63.3	49.1	3
4	55.1	55.1	61.6	63.0	115	368	219	140	56.3	49.1	63.3	48.8	4
5	55.1	54.4	61.1	62.8	120	364	225	134	56.5	48.8	63.0	49.3	5
6	55.3	53.9	59.9	61.6	119	365	228	127	56.1	49.6	62.6	50.5	6
7	55.1	53.2	58.2	60.6	116	358	234	119	56.3	50.0	62.3	49.6	7
8	54.4	52.0	57.3	59.9	115	346	241	113	56.8	57.5	61.6	48.4	8
9	53.9	51.7	56.8	59.9	116	340	239	106	55.6	58.2	60.9	48.4	9
10	53.2	48.8	56.1	59.4	117	329	235	100	54.9	59.9	60.1	49.3	10
11	52.0	49.3	55.6	58.5	117	317	235	96.7	54.1	58.5	59.2	49.1	11
12	49.6	49.8	55.3	58.0	118	304	228	92.0	53.4	58.5	63.0	46.4	12
13	48.6	49.6	55.3	57.0	123	294	220	87.6	51.7	58.5	60.6	46.4	13
14	48.6	49.6	55.6	56.1	128	282	241	84.8	51.2	57.0	59.7	46.2	14
15	49.1	50.0	55.8	55.6	140	272	243	81.4	50.5	57.0	58.7	45.9	15
16	49.1	51.2	60.1	55.6	148	272	241	79.2	49.6	57.3	58.2	45.9	16
17	48.6	52.7	60.4	55.8	165	260	237	76.7	49.1	57.3	56.8	45.2	17
18	48.6	53.4	59.2	56.3	168	246	234	74.2	48.6	56.5	56.3	44.3	18
19	49.3	57.7	59.2	57.3	182	240	228	72.7	48.4	55.6	55.8	44.3	19
20	49.1	57.5	58.2	59.2	204	229	228	71.2	48.1	55.3	56.5	44.0	20
21	49.3	57.3	57.7	59.9	218	220	222	69.3	47.6	54.4	56.5	43.8	21
22	50.3	57.3	58.0	62.8	236	216	217	66.9	47.1	53.4	57.0	43.0B	22
23	55.3	57.3	57.7	66.4	256	212	209	64.0	46.7	52.4	56.5	42.5B	23
24	60.6	57.5	58.0	87.6	271	208	209	62.1	46.2	51.7	55.8	41.9B	24
25	60.4	59.9	58.0	85.5	290	202	203	60.4	45.2	51.0	53.9	41.6B	25
26	60.1	60.4	58.7	84.5	321	200	194	59.2	44.3	50.5	53.2	41.3B	26
27	59.2	59.9	58.2	85.8	330	197	188	57.7	43.8	51.7	52.0	41.1B	27
28	58.9	59.2	58.2	88.0	345	194	180	55.8	45.7	58.0	51.5	40.8B	28
29	58.7		61.1	91.7	351	192	171	54.9	45.2	58.9	50.5	40.5B	29
30	58.7		61.3	95.1	364	190	165	56.1	44.5	60.1	50.5	40.2B	30
31	58.5		60.9		377		158	54.9		60.4		40.2B	31
TOTAL	1 672.9	1 528.2	1 807.2	1 995.5	6 003	8 317	6 700	2 760.8	1 523.6	1 698.7	1 744.9	1 410.0	TOTAL
MEAN	54.0	54.6	58.3	66.5	194	277	216	89.1	50.8	54.8	58.2	45.5	MEAN
MAX	60.6	60.4	61.6	95.1	377	369	243	151	57.3	60.4	63.3	52.0	MAX
MIN	48.6	48.8	55.3	55.6	107	190	158	54.9	43.8	44.7	50.5	40.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 102
MAXIMUM DAILY, 377 ON MAY 31
MINIMUM DAILY, 40.2B ON DEC 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 45 N
LONG 119 08 47 W
DRAINAGE AREA, 4 690 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	145 000	JUL	579 000
FEB	132 000	AUG	239 000
MAR	156 000	SEP	132 000
APR	172 000	OCT	147 000
MAY	519 000	NOV	151 000
JUN	719 000	DEC	122 000

TOTAL DISCHARGE, 3 210 000 dam³

SIKANNI CHIEF RIVER NEAR FORT NELSON - STATION NO. 10CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.80B	4.55B	4.20B	4.75B	15.3B	131 E	58.0	57.1	70.3	16.1E	11.9 B	9.80B	1
2	5.85B	4.60B	4.28B	4.83B	16.5B	121 E	57.4	57.0	68.8A	15.6E	11.8 B	9.80B	2
3	5.90B	4.65B	4.35B	4.85B	19.2B	109 E	62.8	43.2	64.6E	15.3E	12.2 B	9.20B	3
4	5.95B	4.70B	4.30B	4.84B	23.0B	98.3E	61.2	36.3	60.2E	15.2E	11.9 B	9.15B	4
5	5.95B	4.65B	4.25B	4.80B	32.5	88.5E	52.5	34.2	56.8E	15.1A	12.7 B	9.55B	5
6	5.95B	4.60B	4.22B	4.76B	35.8	79.0E	47.6	32.2	53.0E	14.8	13.4 B	9.10B	6
7	5.90B	4.50B	4.30B	4.69B	39.1	71.0E	42.5	30.6	49.9E	14.9	12.9 B	8.25B	7
8	5.70B	4.35B	4.35B	4.65B	47.4	66.5A	39.8	29.9	46.7E	14.5	12.2 B	8.10B	8
9	5.70B	4.20B	4.42B	4.67B	45.0	63.1	36.8	28.7	44.2E	14.2	12.7 B	8.30B	9
10	5.70B	4.00B	4.50B	4.72B	44.9	59.9	34.2	27.7	41.0E	13.7	13.0 B	8.20B	10
11	5.75B	3.96B	4.55B	4.65B	45.8	62.0	34.1	26.9	38.7E	13.4	13.1 B	7.60B	11
12	5.80B	3.93B	4.62B	4.61B	46.7	64.1	38.1	25.9	36.4E	13.2	12.8 B	6.65B	12
13	5.75B	3.98B	4.65B	4.60B	46.4	62.7	46.3	24.4	34.2E	13.1	12.0 B	6.70B	13
14	5.75B	4.00B	4.65B	4.57B	40.7	61.0	67.2	22.6	32.0E	14.0	11.3 B	6.80B	14
15	5.75B	4.09B	4.65B	4.50B	38.4	63.7	64.7	20.5	29.8E	15.0	11.1 B	7.25B	15
16	5.75B	4.10B	4.62B	4.52B	43.9	65.7	65.1	20.4	28.0E	15.2	10.2 B	7.30B	16
17	5.80B	4.00B	4.55B	4.56B	49.3	65.6	64.3	19.4	26.0E	15.2	10.1 B	7.75B	17
18	5.90B	3.98B	4.50B	4.59B	56.6	64.0	65.1	18.7	24.4E	14.7	10.3 B	8.40B	18
19	5.98B	4.00B	4.45B	4.65B	70.1	65.0	64.1	17.9	23.2E	14.2	10.6 B	9.20B	19
20	6.00B	4.00B	4.40B	4.75B	77.8	63.0	76.3	17.6	22.3E	13.1	10.7 B	10.0 B	20
21	6.00B	4.00B	4.35B	5.00B	87.4	63.0	83.0	17.3	21.7E	12.0B	10.3 B	9.40B	21
22	5.95B	4.01B	4.35B	5.40B	116	64.0	95.7	16.5	21.1E	12.4B	9.75B	8.40B	22
23	5.85B	4.10B	4.40B	5.90B	136	65.8	80.7	15.7	20.2E	12.8B	9.00B	7.40B	23
24	5.60B	4.15B	4.55B	6.50B	133	69.2	72.8	15.9	19.9E	12.6B	8.90B	7.30B	24
25	5.30B	4.25B	4.65B	7.30B	137 A	76.7	66.3	16.0	19.4E	12.9B	9.00B	7.45B	25
26	5.07B	4.25B	4.62B	8.30B	167 E	72.6	63.2	18.9	18.9E	12.0B	9.58B	7.30B	26
27	4.85B	4.25B	4.60B	10.1 B	197 E	65.4	61.6	32.3	18.3E	10.9B	9.83B	6.25B	27
28	4.65B	4.20B	4.70B	12.8 B	212 E	62.2	60.4	82.9	17.9E	10.8B	10.6 B	5.70B	28
29	4.50B		4.75B	14.0 B	182 E	59.3	59.3	90.7	17.2E	11.1B	10.5 B	5.35B	29
30	4.50B		4.72B	14.9 B	142 E	59.6	56.1	62.8	16.7E	12.0B	9.23B	5.00B	30
31	4.50B		4.72B		148 E		55.0	66.4		12.2B		4.90B	31
TOTAL	173.40	118.05	139.22	183.76	2 491.8	2 181.9	1 832.2	1 026.6	1 041.8	422.2	333.59	241.55	TOTAL
MEAN	5.59	4.22	4.49	6.13	80.4	72.7	59.1	33.1	34.7	13.6	11.1	7.79	MEAN
MAX	6.00	4.70	4.75	14.9	212	131	95.7	90.7	70.3	16.1	13.4	10.0	MAX
MIN	4.50	3.93	4.20	4.50	15.3	59.3	34.1	15.7	16.7	10.8	8.90	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.9
MAXIMUM DAILY, 212E ON MAY 28
MINIMUM DAILY, 3.93B ON FEB 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 14 03 N
LONG 122 41 39 W
DRAINAGE AREA, 2 160 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	158 000
FEB	10 200	AUG	88 700
MAR	12 000	SEP	90 000
APR	15 900	OCT	36 500
MAY	215 000	NOV	28 800
JUN	189 000	DEC	20 900

TOTAL DISCHARGE, 880 000 dam³

SILVERDALE CREEK NEAR MISSION - STATION NO. 08MH091

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.54 E	0.664A	0.626A	---	1.06	0.474	0.843	0.346	0.422	2.98	4.14	2.13	1
2	1.27 A	0.614A	0.602A	---	1.30	0.430	0.692	0.311	0.234	2.14	1.74	3.27	2
3	1.10 A	0.596A	1.26 A	---	1.24	0.627	0.584	0.300	0.198	0.989	1.15	1.92	3
4	0.974A	0.590A	0.846A	---	1.12	0.641	0.540	0.282	0.198	0.666	0.863	1.57	4
5	0.846A	0.500A	0.678A	---	0.923	1.50	0.490	0.263	0.201	0.650	0.720	1.60	5
6	0.830A	0.480A	0.626A	---	0.842	2.00	0.452	0.260	0.186	1.60	0.637	1.37	6
7	0.741A	0.470A	0.741A	---	0.922	0.983	0.568	0.248	0.176	3.03	0.568	1.20	7
8	0.685A	0.460A	0.542A	---	0.852	0.988	0.485	0.236	0.166	1.81	0.524	1.02	8
9	0.692A	0.400B	0.500A	---	1.00	1.22	0.448	0.227	0.163	2.09	0.481	1.63	9
10	0.644A	0.360B	0.490A	---	0.823	2.52	0.429	0.209	0.164	1.34	0.452	3.29	10
11	0.620A	0.400B	0.475A	---	0.858	1.78	0.409	0.205	0.157	0.904	2.34	1.98	11
12	0.596A	0.755A	0.475A	---	0.688	1.06	0.392	0.202	0.159	0.702	4.09	1.38	12
13	0.584A	1.25 A	0.475A	---	0.632	1.37	0.525	0.199	0.159	0.588	1.81	1.16	13
14	0.560A	2.26 A	0.475A	1.02 A	0.644	0.948	0.489	0.199	0.152	0.515	2.10	1.37	14
15	0.548A	4.30 A	0.500A	0.910A	0.596	0.873	0.413	0.193	0.147	0.462	2.46	1.27	15
16	0.525A	4.51 A	0.495A	---	0.547	0.930	0.376	0.188	0.141	0.438	2.41	1.03	16
17	0.515A	4.80 A	0.460A	---	0.515	0.901	0.358	0.184	0.138	0.417	1.86	0.883	17
18	0.727A	2.88 A	0.490A	---	0.500	1.28	0.474	0.184	0.144	0.396	3.20	1.03	18
19	0.608A	1.89 A	0.490A	---	0.504	1.73	0.595	0.183	0.156	0.375	2.04	1.91	19
20	0.536A	1.70 A	0.435A	---	0.475	1.28	0.568	0.184	0.180	0.353	1.70	1.33	20
21	0.776A	1.85 A	0.445A	---	0.465	1.44	0.483	0.180	0.265	0.329	2.40	1.05	21
22	0.870A	1.39 A	0.638A	---	0.429	1.50 E	0.438	0.175	0.356	0.310	4.73	0.884	22
23	1.06 A	1.18 A	0.632A	---	0.405	1.45 E	0.403	0.176	0.253	0.298	3.33	0.850	23
24	0.934A	1.16 A	0.620A	---	0.462	1.35 A	0.375	0.166	0.338	0.292	2.31	1.13	24
25	0.685A	1.26 A	0.692A	---	0.898	1.09	0.354	0.177	0.255	0.294	1.86	1.05	25
26	0.870A	0.950A	0.620A	---	0.586	0.878	0.335	0.169	0.210	0.430	1.47	1.39	26
27	0.755A	0.902A	0.530A	---	0.488	0.792	0.308	0.176	0.718	0.790	1.11	1.13	27
28	0.685A	0.838A	0.536A	1.91 A	0.436	0.703	0.288	0.159	1.49	1.86	0.947	0.987	28
29	0.727A		1.87 A	1.64	0.399	0.738	0.580	0.160	0.509	1.42	0.936	0.858	29
30	0.755A		4.32 A	1.27	0.721	0.893	0.471	0.163	0.425	1.13	1.31	0.759	30
31	0.727A		4.26 A		0.563		0.384	0.263		2.48		0.696	31
TOTAL	23.985	39.409	26.844	---	21.893	34.369	14.559	6.565	8.460	32.078	55.688	43.127	TOTAL
MEAN	0.774	1.41	0.866	---	0.706	1.15	0.470	0.212	0.282	1.03	1.86	1.39	MEAN
MAX	1.54	4.80	4.32	---	1.30	2.52	0.843	0.346	1.49	3.03	4.73	3.29	MAX
MIN	0.515	0.360	0.435	---	0.399	0.430	0.288	0.159	0.138	0.292	0.452	0.696	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.80A ON FEB 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 53 N
LONG 122 20 14 W
DRAINAGE AREA, 17.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 070	JUL	1 260
FEB	3 400	AUG	567
MAR	2 320	SEP	731
APR	---	OCT	2 770
MAY	1 890	NOV	4 810
JUN	2 970	DEC	3 730

SIMILKAMEEN RIVER ABOVE GOODFELLOW CREEK - STATION NO. 08NL070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0 E	3.50	3.10B	3.05	33.9	34.7	19.6	5.78	3.54	1.67	3.02	1.62	1
2	18.5 E	3.30B	2.90B	2.97	25.8	34.0	17.4	5.46	3.34	4.04	2.67	1.58	2
3	16.5 E	3.10B	3.20B	2.91	20.1	30.3	17.7	5.45	2.52	2.75	2.47	1.24 B	3
4	14.5 E	2.90B	3.00B	2.82	17.2	30.2	19.0	5.18	2.23	2.21	2.31	1.63	4
5	13.0 E	2.70B	2.70B	2.90	14.8	30.0	17.6	4.81	2.19	2.04	2.08	1.70	5
6	11.5 E	2.50B	2.40B	2.78	13.4	35.6	14.3	4.54	2.02	2.74	1.97	1.62	6
7	10.5 E	2.37B	2.75B	2.69	12.2	26.8	12.2	4.40	1.91	4.24	2.07	1.52	7
8	9.40E	2.20B	2.70B	2.67	11.5	22.7	10.4	4.23	1.83	3.24	1.96	1.47	8
9	10.0 E	2.10B	2.60B	2.61	12.2	21.4	9.53	4.00	1.76	2.79	1.90	1.54	9
10	8.60E	2.00B	2.65B	2.55	11.9	19.9	11.7	3.81	1.71	2.41	1.84	1.62	10
11	7.60E	2.25B	2.55B	2.54	11.9	18.6	10.8	3.62	1.64	2.20	1.87	1.52	11
12	8.90E	2.50B	2.70B	2.50	12.1	17.8	9.48	3.42	1.56	2.07	2.60	1.15	12
13	7.50E	2.90B	2.90B	2.39	13.4	17.0	12.0	3.25	1.49	1.99	2.38	1.10 B	13
14	6.40E	3.20	3.14	2.42	15.0	16.1	12.7	3.17	1.43	1.95	2.21	1.00 B	14
15	5.50E	3.55	3.28	2.79	16.7	16.2	11.2	3.03	1.39	1.96	2.15	1.40 B	15
16	5.00E	5.39	3.40	2.96	15.6	17.5	11.2	2.85	1.37	1.98	2.07	1.30 B	16
17	5.60E	7.62	3.29	2.97	15.4	16.8	12.1	2.67	1.36	2.03	1.98	1.20 B	17
18	7.70E	5.85	3.19	3.14	17.4	16.6	13.4	2.65	1.34	2.00	1.94	1.07 B	18
19	7.00E	6.03	3.16	3.82	22.0	20.1	11.9	2.45	1.83	1.96	1.86	1.30 B	19
20	6.40E	5.52	3.12	5.07	28.2	21.1	10.9	2.33	1.82	1.89	1.82	1.25 B	20
21	5.80E	4.69	3.11	4.58	30.9	18.9	9.70	2.23	1.66	1.69	1.82	1.20 B	21
22	5.40E	4.23	3.16	5.34	30.2	18.2	9.26	2.11	1.57	1.66	1.80	1.12 B	22
23	5.80E	4.27	3.11	9.10	35.6	18.9	10.9	2.00	1.55	1.74	1.73	1.08 B	23
24	5.00E	4.15	3.06	16.8	42.2	18.4	11.9	1.97	1.54	1.70	1.63	0.990B	24
25	4.50E	3.95	3.11	13.1	54.8	20.1	10.4	1.94	1.53	1.69	1.55	1.10 B	25
26	4.00E	3.75	3.15	10.8	49.0	23.5	9.45	1.86	1.51	1.77	1.50	1.07 B	26
27	3.82A	3.59	3.11	9.75	41.3	22.2	8.78	1.79	1.49	2.25	1.59	1.04 B	27
28	5.24	3.45	3.17	11.4	38.4	18.3	8.29	1.72	1.77	2.75	0.946B	1.00 B	28
29	4.95		3.23	14.4	41.3	19.1	7.56	1.75	1.70	2.70	1.59	0.980B	29
30	4.62		3.13	21.7	48.3	21.2	6.94	1.92	1.65	2.33	1.54	0.940B	30
31	4.31		3.13		41.6		6.13	1.84		2.62		0.900B	31
TOTAL	254.54	103.56	93.20	175.52	794.3	662.2	364.42	98.23	54.25	71.06	58.866	39.250	TOTAL
MEAN	8.21	3.70	3.01	5.85	25.6	22.1	11.8	3.17	1.81	2.29	1.96	1.27	MEAN
MAX	21.0	7.62	3.40	21.7	54.8	35.6	19.6	5.78	3.54	4.24	3.02	1.70	MAX
MIN	3.82	2.00	2.40	2.39	11.5	16.1	6.13	1.72	1.34	1.66	0.946	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.59
MAXIMUM DAILY, 54.8 ON MAY 25
MINIMUM DAILY, 0.900B ON DEC 31
MAXIMUM INSTANTANEOUS,
63.4 AT 20:45 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 59 N
LONG 120 39 55 W
DRAINAGE AREA, 407 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECANETRES

JAN	22 000	JUL	31 500
FEB	8 950	AUG	8 490
MAR	8 050	SEP	4 690
APR	15 200	OCT	6 140
MAY	68 600	NOV	5 090
JUN	57 200	DEC	3 390

TOTAL DISCHARGE, 239 000 dam³

SIMILKAMEEN RIVER AT PRINCETON - STATION NO. 08NL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.2	8.16	9.49	9.20	89.4	97.7	54.1	17.5	6.08	3.62	6.92	4.38	1
2	37.8	6.43	9.40	8.95	75.3	95.3	49.8	17.3	10.5	5.83	7.35	4.62	2
3	32.0	6.35B	10.2	8.66	60.8	83.5	48.3	17.5	6.28	8.91	6.72	3.35	3
4	29.4	6.20B	9.94	8.26	52.4	80.9	53.5	18.1	5.46	6.48	6.44	3.19	4
5	28.3	6.00B	8.87	8.44	44.7	70.8	53.4	16.1	5.39	5.73	5.87	4.85	5
6	26.7	5.80B	7.83	8.47	40.4	87.0	46.3	14.7	5.00	6.08	5.20	4.83	6
7	24.1	5.60B	8.89	8.08	36.2	69.4	39.7	13.6	4.85	8.05	5.32	4.20	7
8	22.3	5.40B	8.70	7.92	33.0	60.6	36.3	13.0	4.67	9.80	5.60	3.91	8
9	23.1	5.20B	8.25	7.96	33.4	56.4	33.0	12.6	4.13	7.48	5.33	3.84	9
10	21.2	5.00B	8.34	7.19	32.6	50.6	35.5	12.1	3.86	6.58	5.08	4.09	10
11	17.4	5.20B	8.29	6.74	32.9	48.6	36.5	10.7	3.69	6.01	4.97	3.97	11
12	19.7	5.60B	8.45	6.82	31.8	47.4	32.7	8.88	3.56	5.58	5.30	3.66	12
13	17.7	6.40B	8.80	6.55	34.6	48.0	33.5	8.65	3.41	5.26	6.32	3.27	13
14	15.5	7.40B	9.04	6.56	36.1	46.3	38.6	8.75	3.34	5.12	5.95	2.90	14
15	12.3	8.40B	9.62	7.21	41.6	46.2	34.8	9.22	3.29	5.11	5.71	4.22B	15
16	11.7	9.60B	9.56	8.12	41.9	47.4	35.2	8.94	3.24	5.27	5.58	3.90B	16
17	13.4	11.0 B	9.47	8.67	40.9	47.8	37.6	9.05	3.18	5.29	5.44	3.30B	17
18	18.0B	12.2 B	9.52	8.89	42.9	46.1	46.8	7.72	3.18	5.18	5.19	3.00B	18
19	17.0B	14.0 B	9.10	10.3	50.1	50.9	40.7	7.37	3.38	5.09	5.06	3.50B	19
20	16.3	15.5	8.70	14.3	67.0	54.9	38.7	7.12	4.09	4.97	4.92	3.30B	20
21	16.2	13.4	8.52	15.1	77.8	50.1	34.8	6.84	3.85	4.73	4.70	3.10B	21
22	15.5	12.0	8.77	15.5	81.6	49.2	32.6	6.43	3.62	4.43	4.58	2.90B	22
23	15.9	11.9	8.74	25.3	86.7	50.0	33.5	6.14	3.49	4.55	4.57	2.70B	23
24	15.4	12.0	8.47	44.5	106	47.6	37.2	5.99	3.52	4.66	4.52	2.60B	24
25	14.5	11.6	8.67	39.2	139	49.0	34.2	5.85	3.52	4.53	3.99	2.70B	25
26	12.8	10.9	8.87	33.6	154	57.1	32.1	5.69	3.56	4.48	4.05	2.60B	26
27	11.9	10.4	9.00	31.7	133	59.9	29.1	5.64	3.47	4.87	3.93	2.55B	27
28	11.7	9.91	8.79	32.8	110	52.1	27.2	5.31	3.54	5.73	3.42	2.50B	28
29	12.9		9.48	41.3	98.8	50.0	26.0	5.18	4.01	7.28	2.79	2.40B	29
30	11.9		9.33	53.3	121	55.2	23.1	5.33	3.73	6.99	3.82	2.33B	30
31	10.6		9.06		118		19.6	5.44		6.28		2.30B	31
TOTAL	595.4	247.55	278.16	499.59	2 103.9	1 756.0	1 154.4	302.74	126.89	179.97	154.64	104.96	TOTAL
MEAN	19.2	8.84	8.97	16.7	69.2	58.5	37.2	9.77	4.23	5.81	5.15	3.39	MEAN
MAX	42.2	15.5	10.2	53.3	154	97.7	54.1	18.1	10.5	9.80	7.35	4.85	MAX
MIN	10.6	5.00	7.83	6.55	31.8	46.1	19.6	5.18	3.18	3.62	2.79	2.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 154 ON MAY 26
MINIMUM DAILY, 2.30B ON DEC 31
MAXIMUM INSTANTANEOUS,
169 AT 20:00 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 47 N
LONG 120 31 17 W
DRAINAGE AREA, 1 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECANETRES

JAN	51 400	JUL	99 700
FEB	21 400	AUG	26 200
MAR	24 000	SEP	11 000
APR	43 200	OCT	15 500
MAY	185 000	NOV	13 400
JUN	152 000	DEC	9 070

TOTAL DISCHARGE, 652 000 dam³

SIMILKAMEEN RIVER NEAR HEDLEY - STATION NO. 08NL038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	103	21.7	21.8	23.1	195	184	93.9	32.8	12.0	9.78	16.9	9.18	1
2	88.6	17.5	21.4	22.6	164	182	85.3	30.8	17.0	10.9	18.3	10.9	2
3	78.5	17.1	21.6	22.4	132	162	79.1	31.2	15.8	17.2	16.0	8.61	3
4	69.9	17.2	22.0	21.9	116	164	81.1	31.8	13.6	14.0	15.0	8.15	4
5	66.3	17.3	20.8	21.8	100	150	79.5	29.2	12.4	12.2	14.0	10.2	5
6	60.6	16.6	19.5	21.7	90.3	167	70.9	27.2	11.9	11.7	12.5	11.6	6
7	55.5	16.2	19.4	21.2	82.8	144	64.0	25.6	11.1	14.7	12.1	10.5	7
8	50.8	15.2B	20.1	20.9	77.6	122	62.5	24.4	10.5	19.5	12.5	9.66	8
9	50.1	14.6B	19.3	20.7	82.7	123	57.3	23.0	9.90	16.5	11.9	9.41	9
10	47.4	14.3	19.0	20.2	84.6	117	60.5	22.0	9.52	14.9	11.5	9.48	10
11	43.3	11.7	19.1	20.1	85.5	112	62.2	20.8	9.35	13.5	11.2	8.90B	11
12	40.4	12.5B	19.2	19.8	84.7	102	56.0	19.6	9.01	12.4	11.9	7.84B	12
13	37.6	14.5B	19.6	19.2	95.8	108	55.3	18.8	8.66	11.9	15.9	6.79B	13
14	35.0	16.7B	20.3	18.8	100	110	65.3	18.2	8.48	11.4	14.4	5.21B	14
15	30.1	18.7B	20.9	19.6	120	109	60.4	18.8	8.31	11.2	13.7	8.40B	15
16	27.3	21.5B	22.0	21.6	118	109	58.3	17.6	8.14	11.2	13.4	6.80B	16
17	27.1	24.5B	22.0	22.8	116	108	59.6	18.2	7.99	11.3	12.9	6.20B	17
18	32.5	27.5B	21.3	23.7	126	102	72.1	16.5	7.79	11.3	12.6	6.00B	18
19	34.2	31.5	21.0	26.5	148	117	67.8	15.5	8.13	11.0	12.2	7.60B	19
20	32.5	31.9	21.1	34.5	184	123	64.0	15.5	8.90	10.6	11.6	6.80B	20
21	30.6	28.2	21.2	36.5	208	115	58.6	15.7	9.40	10.2	11.3	6.50B	21
22	30.5	26.2	21.4	36.9	192	107	54.2	14.5	9.22	9.30	11.4	6.20B	22
23	30.9	25.4	21.6	51.8	202	108	52.5	13.7	9.25	9.32	11.1	6.00B	23
24	30.3	25.4	21.3	95.3	232	102	56.8	12.9	9.45	9.57	10.7	5.80B	24
25	28.9	24.9	21.2	91.6	287	98.1	55.2	12.2	9.52	9.46	9.81	6.00B	25
26	27.1	24.1	21.6	77.4	292	104	50.5	11.9	9.57	9.42	9.46	5.60B	26
27	26.7	23.2	22.0	70.5	243	106	46.0	11.6	9.28	10.9	9.62	5.50B	27
28	24.7	22.4	22.2	70.7	213	95.6	42.9	11.3	9.15	13.1	8.97	5.35B	28
29	26.8		22.8	102	211	89.7	40.0	11.1	9.97	14.7	7.27	5.20B	29
30	25.6		23.4	129	238	99.1	38.1	11.3	10.2	14.5	8.60	5.00B	30
31	24.2		23.0		224		35.4	11.8		13.3		4.90B	31
TOTAL	1 317.0	578.5	653.1	1 204.8	4 845.0	3 639.5	1 885.3	595.5	303.49	380.95	368.73	230.28	TOTAL
MEAN	42.5	20.7	21.1	40.2	156	121	60.8	19.2	10.1	12.3	12.3	7.43	MEAN
MAX	103	31.9	23.4	129	292	184	93.9	32.8	17.0	19.5	18.3	11.6	MAX
MIN	24.2	11.7	19.0	18.8	77.6	89.7	35.4	11.1	7.79	9.30	7.27	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.8
MAXIMUM DAILY, 292 ON MAY 26
MINIMUM DAILY, 4.90B ON DEC 31
MAXIMUM INSTANTANEOUS,
386 AT 00:25 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 39 N
LONG 120 09 06 W
DRAINAGE AREA, 5 590 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	114 000	JUL	163 000
FEB	50 000	AUG	51 500
MAR	56 400	SEP	26 200
APR	104 000	OCT	32 900
MAY	419 000	NOV	31 900
JUN	314 000	DEC	19 900

TOTAL DISCHARGE, 1 380 000 dam³

SIMILKAMEEN RIVER NEAR NIGHTHAWK - STATION NO. 08NL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	133	32.3	29.2	29.2	165	300	138	60.0	20.8	17.6	22.6	15.1	1
2	119	28.9	28.3	28.6	189	276	132	55.8	21.0	17.7	25.6	15.9	2
3	108	25.5	27.8	28.1	158	264	123	54.4	24.6	19.8	27.0	17.2	3
4	97.7	24.1	28.9	27.7	140	249	117	56.4	23.5	24.0	25.1	15.7	4
5	90.0	23.8	28.3	27.5	128	238	117	54.7	21.6	22.0	23.7	15.1	5
6	84.7	23.0	27.0	27.3	118	235	112	50.1	20.6	21.1	22.2	16.5	6
7	79.0	22.6	25.7	27.1	111	233	103	46.7	19.8	21.8	20.9	17.9	7
8	72.8	22.5	25.6	26.7	104	207	99.1	43.6	18.7	27.6	20.5	17.1	8
9	67.7	22.1B	25.8	26.3	102	194	96.6	41.1	17.7	29.4	20.8	16.6	9
10	65.7	18.4B	25.0	26.1	106	192	92.0	38.8	17.0	26.4	20.0	16.4	10
11	61.7	16.4B	24.7	25.9	106	184	95.1	36.8	16.4	24.6	19.5	16.3	11
12	56.6	17.3	24.7	25.7	105	172	91.5	35.1	16.0	23.0	19.6	15.8	12
13	54.1	19.0	24.7	25.5	108	168	86.1	33.1	15.4	22.0	20.6	12.7	13
14	50.7	24.2	25.3	24.7	115	170	92.0	31.4	15.0	21.2	24.0	12.1	14
15	47.3	27.8	26.1	24.4	129	172	94.9	30.9	14.6	20.7	23.1	12.5	15
16	42.5	28.9	27.1	24.9	139	171	90.0	32.0	14.3	20.6	22.4	13.1	16
17	39.1	29.7	27.9	26.7	139	168	88.6	32.0	13.9	20.8	22.0	14.1	17
18	38.5	37.9	27.9	27.7	147	161	95.4	32.0	13.3	20.6	21.5	13.0	18
19	43.0	39.4	27.5	28.6	167	165	113	29.2	13.3	20.4	20.9	14.3	19
20	43.9	38.2	27.5	32.0	202	175	104	28.6	13.7	19.4	20.3	15.5	20
21	41.9	37.7	27.3	39.1	242	173	98.5	28.9	14.9	18.1	20.1	15.0	21
22	41.1	34.5	27.5	40.8	259	165	92.0	27.7	15.1	17.4	19.7	14.0	22
23	40.5	32.6	27.5	43.3	262	158	87.8	25.9	15.0	16.8	19.5	13.3	23
24	40.8	32.3	27.7	64.3	283	157	87.8	24.4	15.3	16.9	18.9	12.0	24
25	39.9	34.0	27.5	99.4	320	149	90.9	23.0	15.6	17.1	18.3	12.6	25
26	38.5	32.6	27.5	89.2	399	146	86.7	22.0	15.6	17.0	17.6	13.8	26
27	36.5	31.4	27.5	81.3	374	149	80.1	21.1	15.7	17.0	17.2	14.0	27
28	35.4	30.0	27.9	77.3	337	147	74.8	20.4	15.7	19.0	17.0	13.9	28
29	35.4		28.1	85.8	317	136	70.5	19.8	15.9	23.4	15.9	11.9	29
30	35.7		28.6	113	326	137	67.1	20.4	16.4	24.7	14.8	11.2	30
31	34.0		29.2		334		64.0	21.0		23.6		11.2	31
TOTAL	1 814.7	787.1	841.3	1 274.2	6 131	5 611	2 980.5	1 077.3	506.4	651.7	621.3	445.8	TOTAL
MEAN	58.5	28.1	27.1	42.5	198	187	96.1	34.8	16.9	21.0	20.7	14.4	MEAN
MAX	133	39.4	29.2	113	399	300	138	60.0	24.6	29.4	27.0	17.9	MAX
MIN	34.0	16.4	24.7	24.4	102	136	64.0	19.8	13.3	16.8	14.8	11.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.3
MAXIMUM DAILY, 399 ON MAY 26
MINIMUM DAILY, 11.2 ON DEC 30
MAXIMUM INSTANTANEOUS,
419 AT 14:00 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 05 N
LONG 119 37 02 W
DRAINAGE AREA, 9 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	157 000	JUL	258 000
FEB	68 000	AUG	93 100
MAR	72 700	SEP	43 800
APR	110 000	OCT	56 300
MAY	530 000	NOV	53 700
JUN	485 000	DEC	38 500

TOTAL DISCHARGE, 1 970 000 dam³

SIMPSON CREEK AT THE MOUTH - STATION NO. 08EE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058B	0.041B	0.011B	0.103	0.135	0.862	0.692	0.271	0.200	0.141	0.168	0.054B	1
2	0.057B	0.040B	0.011B	0.088	0.138	0.717	0.935	0.244	0.433	0.093	0.151	0.054B	2
3	0.056B	0.037B	0.011B	0.079	0.127	0.700	1.02	0.298	0.340	0.079	0.146	0.054B	3
4	0.055B	0.035B	0.011B	0.064	0.124	0.617	0.689	0.322	0.244	0.074	0.145	0.051B	4
5	0.053B	0.034B	0.010B	0.066	0.148	0.505	0.531	0.344	0.200	0.066	0.161	0.049B	5
6	0.052B	0.032B	0.010B	0.060	0.217	0.436	0.439	0.345	0.265	0.075	0.192	0.047B	6
7	0.051B	0.030B	0.010B	0.059	0.265	0.364	0.362	0.383	0.326	0.158	0.186	0.045B	7
8	0.050B	0.028B	0.011B	0.061	0.499	0.315	0.308	0.419	0.244	0.240	0.175	0.043B	8
9	0.049B	0.027B	0.011B	0.060	0.664	0.296	0.305	0.419	0.239	0.268	0.171	0.040B	9
10	0.048B	0.026B	0.012B	0.058	0.464	0.337	0.332	0.383	0.222	0.204	0.172	0.038B	10
11	0.046B	0.025B	0.012B	0.078	0.367	0.666	0.576	0.323	0.194	0.155	0.186	0.037B	11
12	0.045B	0.023B	0.012B	0.060	0.401	0.846	0.769	0.268	0.179	0.137	0.226	0.036B	12
13	0.044B	0.022B	0.012B	0.048	0.486	0.861	0.791	0.211	0.148	0.139	0.206	0.034B	13
14	0.043B	0.021B	0.012B	0.064	0.715	0.852	0.835	0.217	0.126	0.344	0.189	0.032B	14
15	0.042B	0.020B	0.012B	0.067	0.775	0.741	0.726	0.297	0.147	0.720	0.181	0.030B	15
16	0.042B	0.019B	0.011B	0.079	0.858	0.587	0.763	0.229	0.164	0.522	0.172	0.029B	16
17	0.041B	0.018B	0.011B	0.072	0.854	0.478	0.750	0.198	0.168	0.350	0.164	0.027B	17
18	0.040B	0.017B	0.011B	0.068	0.793	0.443	0.803	0.184	0.173	0.354	0.146	0.026B	18
19	0.039B	0.016B	0.011B	0.071	0.936	0.480	0.814	0.212	0.159	0.324	0.130	0.024B	19
20	0.039B	0.015B	0.011B	0.076	1.32	0.501	0.596	0.205	0.130	0.254	0.131	0.023B	20
21	0.041B	0.015B	0.012B	0.081	1.17	0.503	0.473	0.182	0.075	0.216	0.121	0.022B	21
22	0.043B	0.014B	0.015B	0.103	0.850	0.524	0.397	0.179	0.079	0.202	0.118	0.020B	22
23	0.047B	0.014B	0.019B	0.125	0.743	0.540	0.433	0.165	0.083	0.185	0.109	0.018B	23
24	0.050B	0.013B	0.024B	0.121	1.16	0.598	0.422	0.191	0.079	0.443	0.102	0.017B	24
25	0.050B	0.013B	0.030B	0.098	2.32	0.559	0.623	0.529	0.069	0.390	0.095	0.016B	25
26	0.049B	0.012B	0.035B	0.087	1.72	0.537	0.601	0.511	0.057	0.258	0.077	0.015B	26
27	0.048B	0.012B	0.045	0.094	0.980	0.536	0.509	0.254	0.054	0.209	0.065	0.015B	27
28	0.047B	0.011B	0.076	0.124	0.889	0.543	0.510	0.201	0.044	0.191	0.058	0.014B	28
29	0.046B		0.058	0.108	1.04	0.676	0.422	0.172	0.045	0.175	0.056	0.014B	29
30	0.044B		0.055	0.126	1.59	0.705	0.362	0.153	0.091	0.147	0.055B	0.014B	30
31	0.042B		0.062		1.22		0.301	0.148		0.171		0.014B	31
TOTAL	1.457	0.630	0.654	2.448	23.968	17.325	18.089	8.457	4.977	7.284	4.254	0.952	TOTAL
MEAN	0.047	0.023	0.021	0.082	0.773	0.578	0.584	0.273	0.166	0.235	0.142	0.031	MEAN
MAX	0.058	0.041	0.076	0.126	2.32	0.862	1.02	0.529	0.433	0.720	0.226	0.054	MAX
MIN	0.039	0.011	0.010	0.048	0.124	0.296	0.301	0.148	0.044	0.066	0.055	0.014	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.248
MAXIMUM DAILY, 2.32 ON MAY 25
MINIMUM DAILY, 0.010B ON MAR 5
MAXIMUM INSTANTANEOUS,
3.60 AT 17:05 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 36 N
LONG 127 12 09 W
DRAINAGE AREA, 13.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	126	JUL	1 560
FEB	54.4	AUG	731
MAR	56.5	SEP	430
APR	212	OCT	629
MAY	2 070	NOV	368
JUN	1 500	DEC	82.3

TOTAL DISCHARGE, 7 820 dam³

SKAGIT RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08PA008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.320	2.656	2.561	---	---	4.637	6.412	6.323	5.625	4.223	4.061	2.833	1
2	3.203	2.655	2.526	---	---	4.952	6.427	6.357	5.576	4.246	4.129	2.694	2
3	3.188A	2.642	2.507	---	---	5.235	6.440	6.398	5.469	4.325	4.192	2.572	3
4	3.160A	2.626	---	---	---	5.484	6.452	6.397	5.371	4.386	4.186	---	4
5	3.140A	2.601	---	---	---	5.727	6.457	6.407	5.332	4.392	4.131	---	5
6	3.136A	2.567	---	---	---	6.102	6.449	6.406	5.334	4.455	4.109	---	6
7	3.142A	2.506	---	---	---	6.329	6.348	6.405	5.348	4.572	4.124	---	7
8	3.125A	2.524	---	---	---	6.346	6.297	6.432	5.305	4.648	4.167	---	8
9	3.142A	2.525	---	---	---	6.303	6.267	6.431	5.220	4.669	4.177	---	9
10	3.110A	---	---	---	---	6.304	6.281	6.448	5.197	4.650	4.148	---	10
11	3.040A	---	---	---	---	6.338	6.313	6.411	5.168	4.641	4.155	---	11
12	3.020A	---	---	---	---	6.348	6.319	6.382	5.184	4.572	4.210	---	12
13	3.000A	---	---	---	---	6.331	6.307	6.362	5.233	4.482	4.237	---	13
14	2.960A	---	---	---	---	6.308	6.327	6.332	5.246	4.418	4.276	---	14
15	2.935A	---	---	---	---	6.342	6.362	6.321	5.239	4.344	4.288	---	15
16	2.870A	---	---	---	---	6.369	6.356	6.344	5.208	4.244	4.260	---	16
17	2.810A	2.715	---	---	---	6.365	6.381	6.340	5.133	4.202	4.163	---	17
18	2.775	2.909	---	---	---	6.335	6.468	6.320	5.089	4.174	4.013	---	18
19	2.712	3.058	---	---	---	6.337	6.511	6.290	5.103	4.092	3.902	---	19
20	2.661	3.126	---	---	---	6.365	6.510	6.237	5.116	4.014	3.846	---	20
21	2.628	3.102	---	---	---	6.421	6.423	6.187	5.058	3.925	3.769	---	21
22	2.579	3.083	---	---	---	6.437	6.400	6.153	4.979	3.843	3.632	---	22
23	2.585	3.042	---	---	---	6.413	6.428	6.157	4.925	3.754	3.457	---	23
24	2.634	2.895	---	---	---	6.413	6.438	6.140	4.895	3.672	3.298	---	24
25	2.667	2.748	---	---	---	6.406	6.456	6.056	4.835	3.695	3.176	---	25
26	2.710	2.659	---	---	---	6.430	6.485	5.942	4.752	3.704	3.148	---	26
27	2.696	2.618	---	---	2.679	6.404	6.505	5.823	4.704	3.752	3.131	---	27
28	2.696	2.588	---	---	2.938	6.411	6.500	5.753	4.628	3.851	3.107	---	28
29	2.698		---	---	3.293	6.411	6.492	5.718	4.490	3.883	3.104	---	29
30	2.686		---	---	3.759	6.408	6.428	5.721	4.348	3.876	3.003	---	30
31	2.668		---		4.252		6.354	5.673		3.949		---	31
MEAN	2.893	---	---	---	---	6.167	6.406	6.215	5.104	4.182	3.853	---	MEAN
MAX	3.320	---	---	---	---	6.437	6.511	6.448	5.625	4.669	4.288	---	MAX
MIN	2.579	---	---	---	---	6.637	6.267	5.673	4.348	3.672	3.003	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.511 ON JUL 19

MAXIMUM INSTANTANEOUS,
6.565 AT 07:48 PST ON JUL 20

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 482.355 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 121 04 15 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
987 km²

987 ²

SKAHA LAKE AT OKANAGAN FALLS - STATION NO. 08NM084

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.466	2.481	2.423	2.301	2.243	2.432	2.389	2.479	2.445E	2.518E	2.435	2.429	1
2	2.466	2.480	2.420	2.291	2.247	2.415	2.385	2.479	2.451E	2.518E	2.452	2.428	2
3	2.468	2.478	2.416	2.281	2.250	2.395	2.398	2.479	2.457E	2.518E	2.464	2.421	3
4	2.467	2.475	2.425	2.267	2.263	2.385	2.415	2.482	2.461E	2.518E	2.479	2.417	4
5	2.467	2.472	2.424	2.261	2.270	2.379	2.422	2.486	2.466E	2.518E	2.486	2.417	5
6	2.468	2.469	2.422	2.253	2.280	2.409	2.433	2.485	2.471E	2.515E	2.486	2.420	6
7	2.470	2.459	2.421	2.244	2.273	2.427	2.446	2.488	2.476E	2.512E	2.486	2.421	7
8	2.469	2.455	2.419	2.238	2.257	2.445	2.453	2.487	2.482E	2.488E	2.485	2.421	8
9	2.469	2.457	2.416	2.239	2.239	2.472	2.469	2.486	2.488E	2.463E	2.487	2.417	9
10	2.472	2.443	2.416	2.234	2.227	2.498	2.472	2.482	2.493E	2.451E	2.484	2.415	10
11	2.471	2.436	2.413	2.232	2.215	2.502	2.472	2.487	2.494E	2.439E	2.478	2.413	11
12	2.472	2.432	2.411	2.233	2.208	2.493	2.473	2.493	2.495E	2.427E	2.478	2.411	12
13	2.471	2.426	2.408	2.230	2.204	2.488	2.470	2.496	2.496E	2.414E	2.478	2.403	13
14	2.473	2.426	2.407	2.227	2.206	2.481	2.477	2.484	2.496E	2.406E	2.479	2.399	14
15	2.472	2.422	2.405	2.223	2.230	2.470	2.483	2.477	2.500E	2.399E	2.479	2.400	15
16	2.470	2.426	2.407	2.222	2.240	2.457	2.486	2.477	2.504E	2.379A	2.477	2.399	16
17	2.468	2.425	2.404	2.220	2.244	2.439	2.486	2.473	2.508E	2.371	2.478	2.397	17
18	2.470	2.422	2.402	2.219	2.255	2.434	2.487	2.463A	2.512E	2.368	2.477	2.396	18
19	2.469	2.420	2.399	2.219	2.273	2.438	2.488	2.451	2.514E	2.377	2.474	2.401	19
20	2.468	2.417	2.394	2.221	2.290	2.448	2.488	2.448	2.517E	2.377	2.471	2.404	20
21	2.471	2.414	2.390	2.222	2.318	2.446	2.486	2.442	2.519E	2.378	2.470	2.406	21
22	2.475	2.411	2.386	2.224	2.334	2.445	2.480	2.434	2.519E	2.378	2.468	2.404	22
23	2.477	2.412	2.378	2.225	2.307	2.440	2.477	2.428	2.519E	2.380	2.466	2.405	23
24	2.479	2.412	2.368	2.230	2.280	2.435	2.476	2.422	2.519E	2.380	2.466	2.405	24
25	2.480	2.425	2.357	2.237	2.280	2.426	2.475	2.432	2.519E	2.381	2.462	2.407	25
26	2.479	2.428	2.347	2.245	2.325	2.419	2.470	2.429	2.519E	2.386	2.459	2.410	26
27	2.478	2.428	2.338	2.245	2.325	2.413	2.467	2.431	2.518E	2.380	2.457	2.413	27
28	2.479	2.428	2.326	2.241	2.330	2.399	2.466	2.430	2.518E	2.396	2.446	2.414	28
29	2.482		2.322	2.240	2.354	2.387	2.467	2.429	2.518E	2.400	2.439	2.413	29
30	2.484		2.311	2.239	2.391	2.392	2.470	2.431A	2.518E	2.402	2.433	2.413	30
31	2.484		2.304		2.419		2.473	2.438E		2.417		2.417	31
MEAN	2.473	2.439	2.390	2.240	2.277	2.437	2.461	2.462	2.497	2.428	2.469	2.411	MEAN
MAX	2.484	2.481	2.425	2.301	2.419	2.502	2.488	2.496	2.519	2.518	2.487	2.429	MAX
MIN	2.466	2.411	2.304	2.219	2.204	2.379	2.385	2.422	2.445	2.368	2.433	2.396	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.415
MAXIMUM DAILY, 2.519E ON SEP 21
MINIMUM DAILY, 2.204 ON MAY 13
MAXIMUM INSTANTANEOUS,
2.519E ON SEP 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 12 N
LONG 119 34 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 335.408 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1959 ADJ.)

SKEENA RIVER ABOVE BABINE RIVER - STATION NO. 08EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	68.5B	59.9B	59.0B	76.3B	210	1 900	1 080	434	241	411	184	83.5B	1
2	68.0B	58.5B	58.6B	75.0B	236	1 690	1 060	401	241	412	173	79.5B	2
3	67.5B	58.0B	58.2B	73.5B	241	1 590	1 220	377	212	314	170	76.0B	3
4	67.0B	57.8B	58.1B	71.8B	261	1 630	1 210	408	191	261	164	73.0B	4
5	66.5B	57.5B	58.0B	70.0B	306	1 450	977	427	183	228	168	70.5B	5
6	66.0B	57.0B	58.0B	68.2B	373	1 290	844	454	227	210	218	67.0B	6
7	65.5B	56.1B	58.0B	67.2B	449	1 200	726	418	293	210	219	64.0B	7
8	64.9B	55.8B	58.0B	65.9B	562	1 070	638	403	317	217	183	62.0B	8
9	64.3B	55.8B	57.9B	64.2B	797	969	592	396	436	216	182	60.5B	9
10	64.0B	56.0B	57.8B	63.8B	857	946	605	368	685	203	190	58.5B	10
11	63.3B	56.4B	57.8B	63.2B	773	990	738	345	636	191	195	57.5B	11
12	62.6B	56.8B	57.7B	62.8B	746	1 090	932	320	550	179	254	56.5B	12
13	61.9B	57.5B	57.6B	62.1B	775	1 210	1 040	291	413	171	291	55.5B	13
14	61.2B	58.0B	57.5B	61.9B	847	1 250	1 070	256	335	169	240	54.5B	14
15	60.5B	59.9B	57.5B	62.1B	943	1 300	1 030	244	321	201	220	53.5B	15
16	60.0B	60.0B	57.2B	63.0B	1 010	1 210	1 000	240	324	340	203	52.5B	16
17	59.8B	61.0B	56.9B	64.4B	1 030	1 070	1 010	232	298	332	188	51.5B	17
18	59.5B	62.0B	56.7B	66.3B	1 040	944	981	216	306	295	177	50.5B	18
19	59.4B	62.0B	56.5B	68.5B	1 160	947	1 000	210	316	313	168	50.0B	19
20	59.3B	62.0B	56.3B	70.1B	1 300	1 050	1 020	212	309	266	166	49.0B	20
21	59.5B	61.9B	56.3B	72.8B	1 380	1 040	891	215	261	229	164	48.0B	21
22	59.8B	61.8B	56.3B	77.2B	1 450	1 020	761	223	233	210	160	47.5B	22
23	60.2B	61.4B	57.2B	87.0B	1 510	1 070	704	232	222	202	153	47.0B	23
24	61.7B	61.0B	58.0B	98.5B	1 600	1 150	686	216	219	207	147	46.5B	24
25	63.5B	60.5B	59.0B	110 B	1 970	1 130	682	289	202	228	138	46.0B	25
26	63.0B	60.1B	60.0B	120 B	2 290	1 060	728	391	189	236	126	45.6B	26
27	62.4B	60.0B	63.8B	130	2 400	962	677	364	178	221	107	45.2B	27
28	61.8B	59.5B	68.0B	133	1 830	917	592	303	173	210	96.0B	44.8B	28
29	61.2B		76.0B	151	1 690	966	553	383	179	200	92.0B	44.5B	29
30	60.6B		80.0B	173	1 820	1 140	514	300	212	193	87.0B	44.2B	30
31	60.0B		78.0B		2 090		475	252		191		44.0B	31
TOTAL	1 943.4	1 654.2	1 865.9	2 492.8	33 946	35 251	26 036	9 820	8 902	7 466	5 223.0	1 728.8	TOTAL
MEAN	62.7	59.1	60.2	83.1	1 100	1 180	840	317	297	241	174	55.8	MEAN
MAX	68.5	62.0	80.0	173	2 400	1 900	1 220	454	685	412	291	83.5	MAX
MIN	59.3	55.8	56.3	61.9	210	917	475	210	173	169	87.0	44.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 374
MAXIMUM DAILY, 2 400 ON MAY 27
MINIMUM DAILY, 44.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
2 610 AT 00:54 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 58 N
LONG 127 41 05 W

DRAINAGE AREA, 12 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	168 000	JUL	2 250 000
FEB	143 000	AUG	848 000
MAR	161 000	SEP	769 000
APR	215 000	OCT	645 000
MAY	2 930 000	NOV	451 000
JUN	3 050 000	DEC	149 000

TOTAL DISCHARGE, 11 800 000 dam³

SKEENA RIVER AT GLEN VOWELL - STATION NO. 08EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	139B	115 B	101 B	163	344	2 660	1 380	674	412	521	297	171	1
2	137B	112 B	99.7B	164	402E	2 620	1 450	671	395	672	295	166	2
3	136B	109 B	99.1B	163	459E	2 210	1 620	669	355	635	295	159 B	3
4	135B	106 B	98.8B	157E	515E	2 230	1 730	667	367	458	289	152 B	4
5	133B	104 B	98.5B	151	572	2 100	1 390	664	412	435	277	145 B	5
6	131B	103 B	98.0B	145	699	1 890E	1 190	662	446	373	270	140 B	6
7	129B	102 B	97.4B	142	974	1 690	1 180	660	467	638	279	135 B	7
8	127B	101 B	96.8B	138	1 100	1 610	1 070	659	510	598	282	131 B	8
9	126B	99.7B	96.3B	136E	1 440	1 540E	977E	655	528	541	286	128 B	9
10	124B	99.4B	95.7B	133E	1 530	1 460	878	647	992	489	289	125 B	10
11	122B	99.0B	95.4B	130E	1 350	1 430	1 290	645	946	304	293	122 B	11
12	121B	103 B	95.4B	127	1 250	1 610	1 450	643	810	282E	379	119 B	12
13	119B	108 B	95.1B	118	1 250	1 780	1 510	535	606	260	505	116 B	13
14	118B	113 B	95.1B	106	1 350	1 640	1 600	510	489	256	332	115 B	14
15	117B	118 B	94.9B	112E	1 710	1 730	1 430	490	477	360	358	113 B	15
16	116B	118 B	94.9B	117	1 710	1 790	1 410	358	457	548	387	112 B	16
17	114B	118 B	94.9B	125	1 730	1 600E	1 410	362	441	544	280	110 B	17
18	113B	116 B	94.9B	131	1 580	1 410	1 410	361	455	484	261	109 B	18
19	112B	115 B	94.9B	133	2 070	1 330	1 360E	351	465	423	238	108 B	19
20	111B	113 B	94.9B	143	2 080	1 330	1 300	361	461	413	238	106 B	20
21	110B	111 B	95.1B	157	2 110	1 380	1 250	359	397	385	238	105 B	21
22	110B	110 B	95.4B	188	2 130	1 470	1 260	357	353	299	237	104 B	22
23	110B	108 B	96.0B	210	2 330E	1 630	1 110	351	481	300	235	103 B	23
24	110B	107 B	96.8B	232	2 530E	1 620	1 100	349	481	303	210	102 B	24
25	127B	105 B	99.1B	257	2 720	1 560	1 040	462	342	311	199	101 B	25
26	136B	104 B	103 B	251	3 320	1 510	1 040	693	261	312	183	99.7B	26
27	139B	103 B	112	246	3 940	1 390	1 030	672	253	318	171	98.8B	27
28	136B	102 B	131	244	2 670	1 300	934E	625	250	321	173	97.4B	28
29	130B		172	288	2 360	1 290	836	567	246	301	172	96.0B	29
30	123B		171	317E	2 460E	1 350	782E	532	263	299	171	97.4B	30
31	119B		170		2 560E		728E	494		297		96.3B	31
TOTAL	3 836	3 022.1	3 273.1	5 124	53 245	50 160	38 145	16 705	13 778	12 680	8 119	3 682.6	TOTAL
MEAN	124	108	106	171	1 720	1 670	1 230	539	459	409	271	119	MEAN
MAX	139	118	172	317	3 940	2 660	1 730	693	992	672	505	171	MAX
MIN	110	99.0	94.9	106	344	1 290	728	349	246	256	171	96.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 580
MAXIMUM DAILY, 3 940 ON MAY 27
MINIMUM DAILY, 94.9B ON MAR 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 18 09 N
LONG 127 40 11 W
DRAINAGE AREA, 25 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	331 000	JUL	3 300 000
FEB	261 000	AUG	1 440 000
MAR	283 000	SEP	1 190 000
APR	443 000	OCT	1 100 000
MAY	4 600 000	NOV	701 000
JUN	4 330 000	DEC	318 000

TOTAL DISCHARGE, 18 300 000 dam³

SKEENA RIVER AT USK - STATION NO. 08EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	319B	237	213	314	723	4 280	2 240	1 120	658	838	539	376	1
2	318B	228B	213	314	841	3 650	2 140	1 050	701	1 000	527	364	2
3	317B	222B	208	313	856	3 300	2 260	996	687	848	513	348	3
4	316B	219B	203	305	854	3 230	2 400	991	610	705	498	322	4
5	315B	215B	196	296	912	3 080	2 120	1 030	571	626	512	301	5
6	332B	212B	189	286	1 060	2 740	1 850	1 060	617	577	599	300	6
7	348B	209B	188	278	1 250	2 580	1 650	1 070	722	573	650	292	7
8	355B	206B	189	272	1 500	2 350	1 500	1 050	771	641	613	273	8
9	355B	203B	187	268	1 930	2 140	1 400	1 050	862	715	640	248	9
10	357B	201B	187	266	2 240	2 050	1 350	1 020	1 140	708	631	224	10
11	352B	201B	189	253	2 050	2 070	1 460	969	1 340	637	731	226	11
12	350B	203	188	236	1 900	2 330	1 740	920	1 160	580	801	229	12
13	341	233	187	226	1 900	2 580	1 990	859	964	541	834	216	13
14	328	241	186	227	2 000	2 660	2 090	795	808	539	794	218	14
15	312	267	188	231	2 440	2 700	2 080	764	741	583	710	227	15
16	291	262	195	247	2 730	2 600	2 010	752	736	733	660	221	16
17	273	260	197	263	2 790	2 370	2 020	728	715	876	616	232	17
18	274	270	194	274	2 680	2 130	2 030	691	691	812	575	259	18
19	316	259	189	278	2 730	2 040	2 030	665	703	772	552	253	19
20	335	252	187	287	3 000	2 140	2 050	651	695	739	529	267	20
21	362	273	187	308	3 260	2 200	1 930	646	643	684	523	255	21
22	420	292	187	348	3 340	2 110	1 710	650	581	576	514	241	22
23	445	278	188	406	3 370	2 100	1 570	645	546	544	495	225	23
24	441	257	186	472	3 470	2 160	1 540	660	522	559	470	223	24
25	428	241	191	532	4 340	2 200	1 520	770	500	619	449	227	25
26	401	229	198	544	5 270	2 150	1 570	985	462	658	423	225	26
27	372	223	212	515	5 600	2 030	1 570	974	436	640	384	216	27
28	354	217	262	512	4 630	1 940	1 450	858	419	593	351	200	28
29	339		314	540	3 830	1 950	1 340	798	416	557	355	240	29
30	302		335	611	3 920	2 160	1 270	798	538	537	375	195B	30
31	260		327		4 440		1 200	695		545		190B	31
TOTAL	10 628	6 610	6 460	10 222	81 856	74 020	55 080	26 706	20 955	20 515	16 863	7 833	TOTAL
MEAN	343	236	208	341	2 640	2 470	1 780	861	699	662	562	253	MEAN
MAX	445	292	335	611	5 600	4 280	2 400	1 120	1 340	1 000	834	376	MAX
MIN	260	201	186	226	723	1 940	1 200	645	416	537	351	190	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 925
MAXIMUM DAILY, 5 600 ON MAY 27
MINIMUM DAILY, 186 ON MAR 14
MAXIMUM INSTANTANEOUS,
5 710 AT 12:32 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 50 N
LONG 128 25 40 W
DRAINAGE AREA, 42 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	918 000	JUL	4 760 000
FEB	571 000	AUG	2 310 000
MAR	558 000	SEP	1 810 000
APR	883 000	OCT	1 770 000
MAY	7 070 000	NOV	1 460 000
JUN	6 400 000	DEC	677 000

TOTAL DISCHARGE, 29 200 000 dam³

SKINS LAKE SPILLWAY, NECHAKO RESERVOIR - STATION NO. 08JA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.0	32.9	32.7	47.7	56.6	59.5	62.3	110	15.3	26.2	29.7	32.5	1
2	33.1	32.9	32.7	57.5	56.6	59.6	62.3	15.3	15.3	25.5	30.6	32.5	2
3	33.1	32.9	32.7	57.5	56.6	59.7	62.4	69.5	15.3	25.5	32.5	32.5	3
4	33.1	32.9	32.7	57.5	56.6	59.9	62.4	170	15.3	25.5	32.5	32.5	4
5	33.1	32.9	32.7	57.5	56.8	60.0	62.4	212	22.9	25.5	32.5	32.5	5
6	33.1	32.9	32.7	57.3	56.8	60.2	62.6	411	31.1	25.5	32.5	32.5	6
7	33.1	32.9	32.7	57.3	56.8	60.3	62.6	501	31.1	25.5	32.5	32.5	7
8	33.1	32.9	32.7	57.3	56.9	60.5	62.6	535	31.1	25.5	32.5	32.5	8
9	33.1	32.9	32.7	57.3	56.9	60.6	62.7	538	31.1	25.5	32.5	32.5	9
10	33.1	32.9	32.7	57.3	56.9	60.7	62.7	403	31.1	25.5	32.5	32.5	10
11	33.1	32.8	32.7	57.2	57.0	60.9	62.7	294	31.1	25.5	32.5	32.5	11
12	33.1	32.8	32.7	57.2	57.0	61.0	62.9	72.0	31.1	25.5	32.5	32.5	12
13	33.1	32.8	32.7	57.2	57.0	61.2	56.9	15.0	31.1	25.5	32.5	32.5	13
14	33.1	32.8	32.7	57.2	57.2	61.3	56.6	15.0	31.1	25.5	32.5	32.5	14
15	33.0	32.8	32.7	57.2	57.2	61.4	56.6	129	30.9	25.5	32.5	32.5	15
16	33.0	32.8	32.7	57.1	57.2	61.4	56.6	340	30.9	25.5	32.5	32.4	16
17	33.0	32.8	32.6	57.1	57.3	61.6	56.6	283	30.9	25.5	32.5	32.4	17
18	33.0	32.8	32.6	57.1	57.3	61.6	56.6	227	30.9	25.5	32.5	32.4	18
19	33.0	32.8	32.6	57.1	57.3	61.7	56.6	194	30.9	28.3	32.5	32.4	19
20	33.0	32.8	32.6	57.1	57.5	61.7	158	48.3	30.9	29.7	32.5	32.4	20
21	33.0	32.7	32.6	56.9	57.5	61.7	538	15.9	30.9	29.7	32.5	32.4	21
22	33.0	32.7	32.6	56.9	57.6	61.9	538	15.9	28.3	29.7	32.5	32.4	22
23	33.0	32.7	32.6	56.9	57.6	61.9	489	15.9	26.9	29.7	32.5	32.4	23
24	33.0	32.7	32.6	56.9	57.8	36.0	276	15.9	26.9	29.7	32.5	32.4	24
25	33.0	32.7	32.6	56.9	58.0	0	255	15.9	26.9	29.7	32.5	32.4	25
26	33.0	32.7	32.6	56.8	58.3	7.40	255	15.9	26.9	29.7	32.5	32.4	26
27	33.0	32.7	32.6	56.8	58.6	62.0	255	15.9	26.9	29.7	32.5	32.4	27
28	33.0	32.7	32.6	56.8	58.9	62.0	255	15.9	26.9	29.7	32.5	32.4	28
29	33.0		32.6	56.8	59.2	62.1	255	15.9	26.9	29.7	32.5	32.4	29
30	33.0		32.6	56.8	59.3	62.3	255	15.9	26.9	29.7	32.5	32.4	30
31	33.0		32.6		59.5		255	15.9		29.7		32.4	31
TOTAL	1 024.3	918.6	1 012.2	1 704.2	1 781.8	1 692.10	4 931.1	4 753.0	823.8	844.4	970.3	1 005.9	TOTAL
MEAN	33.0	32.8	32.7	56.8	57.5	56.4	159	153	27.5	27.2	32.3	32.4	MEAN
MAX	33.1	32.9	32.7	57.5	59.5	62.3	538	535	31.1	29.7	32.5	32.5	MAX
MIN	33.0	32.7	32.6	47.7	56.6	0	56.6	15.0	15.3	25.5	29.7	32.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.8
MAXIMUM DAILY, 538 ON JUL 21
MINIMUM DAILY, 0 ON JUN 25

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 15 N
LONG 125 58 14 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 500	JUL	426 000
FEB	79 400	AUG	411 000
MAR	87 500	SEP	71 200
APR	147 000	OCT	73 000
MAY	154 000	NOV	83 800
JUN	146 000	DEC	86 900

DATA CONTRIBUTED BY -
ALUMINUM COMPANY OF CANADA LIMITED

REGULATED

TOTAL DISCHARGE, 1 850 000 dam³

SKOOKUNCHUCK CREEK NEAR SKOOKUNCHUCK - STATION NO. 08NG051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.20B	3.04B	2.36B	2.81	16.8	49.8	58.9	17.6	6.94	4.35	3.71	2.40B	1
2	4.20B	3.00B	2.31B	2.76	17.4	47.5	40.9	16.7	7.79	4.54	3.65	2.80B	2
3	3.80B	3.00B	2.36B	2.81	13.9	45.2	39.5	17.1	7.53	6.53	3.71	2.70B	3
4	3.64E	2.85B	2.44B	2.47	12.5	55.3	46.5	17.9	6.36	4.67	3.65	2.60B	4
5	3.64B	2.70B	2.40B	2.76	12.2	45.0	50.3	15.9	6.20	4.74	2.62	2.70B	5
6	3.70B	2.70B	2.35B	2.67	10.8	44.0	45.5	16.2	5.97	4.74	2.60B	2.80B	6
7	3.78B	2.70B	2.31B	2.22	10.7	40.0	47.5	15.4	5.82	4.81	2.61B	2.78B	7
8	3.82B	2.65B	2.31B	2.30	10.6	37.5	33.3	14.2	5.67	4.88	2.86	2.70B	8
9	3.88B	2.40B	2.31B	2.47	10.7	33.5	27.9	13.8	5.60	4.96	2.72	2.80B	9
10	3.82B	2.10B	2.32B	2.43	10.7	31.3	27.3	13.1	5.24	4.67	2.18B	3.00B	10
11	3.64B	2.10B	2.33B	2.47	11.4	28.6	28.9	12.7	5.03	4.61	3.00B	3.03B	11
12	3.50B	2.15B	2.34B	2.43	12.1	29.1	24.4	12.0	4.81	4.54	3.40	2.80B	12
13	3.36B	2.25B	2.37B	2.18	11.9	31.2	32.7	11.5	4.61	4.41	3.58	2.54B	13
14	3.15B	2.35B	2.40B	2.26	12.1	28.6	31.7	11.5	4.61	4.35	3.40	2.54B	14
15	2.95B	2.45B	2.43	2.62	13.4	31.9	26.4	11.4	4.56	4.15	3.34	2.60B	15
16	2.75B	2.55B	2.57	3.13	17.6	37.5	26.4	10.5	4.54	4.09	3.29	2.60B	16
17	2.70B	2.55B	2.47	2.97	16.8	31.7	25.3	10.6	4.41	4.02	3.24	2.60B	17
18	2.85B	2.50B	2.43	3.08	16.6	28.6	25.3	9.57	4.41	3.96	3.29	2.60B	18
19	2.98B	2.47B	2.10	3.08	20.5	26.6	25.6	9.30	4.61	3.96	3.18	2.70B	19
20	2.89B	2.44B	1.93	4.15	25.3	26.3	23.9	9.30	5.03	3.90	3.18	2.80B	20
21	2.89B	2.40B	2.18	4.74	31.9	25.9	24.4	9.39	4.74	3.13	3.24	2.70B	21
22	2.95B	2.40B	2.47	4.61	47.7	24.7	23.8	8.67	4.74	2.86	2.86	2.60B	22
23	3.02B	2.50B	2.43	5.45	44.0	24.4	22.8	8.49	4.61	3.13	2.76	2.50B	23
24	3.14B	2.50B	2.47	9.57	55.9	23.8	24.0E	8.14	4.48	3.46	2.38	2.60B	24
25	3.08B	2.45B	2.47	8.76	68.4	27.2	24.4	7.79	4.41	3.71	2.20B	2.60B	25
26	2.97B	2.40B	2.52	7.45	84.3	34.9	23.0	7.45	4.35	4.02	2.15B	2.60B	26
27	3.00B	2.36B	2.52	7.36	63.6	36.4	25.3	7.36	4.28	4.35	2.10B	2.60B	27
28	3.05B	2.36B	2.57	7.28	55.9	32.3	23.9	7.19	4.35	4.61	2.00B	2.53B	28
29	3.19B		2.72	7.87	53.9	32.5	22.0	6.53	4.54	3.46	2.10B	2.45B	29
30	3.18B		2.81	7.87	53.0	38.1	20.8	6.94	4.67	3.13	2.20B	2.38B	30
31	3.13B		2.91		55.9		19.7	7.45		3.71		2.32B	31
TOTAL	103.85	70.32	74.91	125.03	898.5	1 029.4	938.3	351.67	154.89	130.45	87.20	81.97	TOTAL
MEAN	3.35	2.51	2.42	4.17	29.0	34.3	30.3	11.3	5.16	4.21	2.91	2 64	MEAN
MAX	5.20	3.04	2.91	9.57	84.3	55.3	58.9	17.9	7.79	6.53	3.71	3.03	MAX
MIN	2.70	2.10	1.93	2.18	10.6	23.8	19.7	6.53	4.28	2.86	2.00	2.32	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 84.3 ON MAY 26
MINIMUM DAILY, 1.93 ON MAR 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 54 42 N
LONG 115 46 03 W
DRAINAGE AREA, 637 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 970	JUL	81 100
FEB	6 080	AUG	30 400
MAR	6 470	SEP	13 400
APR	10 800	OCT	11 300
MAY	77 600	NOV	7 530
JUN	88 900	DEC	7 080

TOTAL DISCHARGE, 350 000 dam³

SLESSE CREEK NEAR VEDDER CROSSING - STATION NO. 08MN056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.9	5.35	6.11	3.96	26.1	15.9	16.9	6.78	8.20	10.9	15.8	5.51	1
2	14.6 A	5.07	5.84	3.80	18.5	15.5	15.7	6.83	5.21	13.1	12.3	9.01	2
3	12.9 E	4.88	5.83	3.65	14.7	15.6	17.6	6.50	3.58	7.74	11.5	6.63	3
4	11.3 E	4.69	5.59	3.42	12.3	17.4	18.8	6.01	3.90	5.78	9.51	6.30	4
5	9.70A	4.37	5.04	4.73	10.5	19.5	17.4	6.39	3.35	5.67	8.18	17.4	5
6	9.30E	4.18	4.68	4.19	9.45	24.1	14.3	7.54	3.21	24.7	7.17	14.3	6
7	8.80E	4.07	4.51	3.79	8.52	17.0	11.9	8.39	3.62	25.3	6.40	11.5	7
8	8.40E	3.91	4.22	3.74	7.99	14.6	10.0	8.41	3.72	14.7	5.77	9.80	8
9	7.90E	3.69	4.07	3.66	9.08	14.2	8.98	8.41	3.48	11.8	5.28	14.6	9
10	7.50E	3.04	4.03	3.49	8.75	15.4	9.64	8.17	3.06	9.42	4.96	20.1	10
11	7.00E	3.34	4.10	3.61	9.05	14.8	9.15	7.61	2.87	7.75	15.9	14.3	11
12	6.60E	4.56	4.21	3.42	9.36	13.4	9.18	6.99	2.48	6.58	20.9	11.5	12
13	6.10E	5.95	4.35	3.29	10.7	12.9	11.3	6.78	2.22	5.81	14.8	9.98	13
14	5.70E	13.6	4.42	3.54	12.0	11.9	11.2	6.76	2.23	5.45	14.9	9.12	14
15	5.20A	13.7	4.41	4.31	12.3	12.1	12.0	6.14	2.68	5.09	15.6	8.01	15
16	5.04	23.8	4.52	5.37	10.4	15.5	13.3	5.77	2.93	4.82	16.8	7.05	16
17	4.88	28.4	4.06	5.52	9.73	15.2	15.2	5.52	3.13	4.51	13.7	6.43	17
18	5.14	21.6	3.84	5.79	11.2	15.9	13.3	5.37	2.89	4.40	12.3	7.07	18
19	5.67	25.7 A	3.67	7.00	14.2	22.3	15.0	4.69	3.51	4.05	10.6	15.4	19
20	5.64	20.8	3.59	8.50	14.7	22.7	13.2	4.39	2.38	3.67	9.79	11.9	20
21	9.04	15.8	3.50	7.63	14.8	19.8	11.6	3.89	4.69	3.40A	11.6	9.64	21
22	17.5	12.9	4.04	15.2	14.0	18.2	10.7	3.69	3.28	3.20A	11.0	8.22	22
23	16.1	11.3	3.96	25.9	15.1	18.5	10.6	3.98	2.66	3.01	9.44	7.42	23
24	12.7	10.1	3.70	28.4	19.6	16.9	11.2	3.78	2.47	2.89	8.24	6.80	24
25	9.88	9.09	4.29	17.5	24.3	18.1	12.0	3.18	2.28	2.90	7.42	6.19	25
26	8.59	7.96	4.05	13.7	19.4	19.0	11.9	2.82	2.00	6.49	6.59	5.71	26
27	7.54	7.14	3.81	11.5	16.5	16.6	11.8	2.75	4.53	15.5	5.90	5.21	27
28	7.00	6.51	3.72	17.6	16.5	14.4	10.7	2.72	7.91	21.9	5.40	4.78	28
29	6.57		3.94	20.7	19.8	17.8	9.20	3.04	5.56	14.4	5.17	4.39	29
30	6.01		3.85	25.5	23.1	19.8	7.93	2.97	4.37	12.6	4.93	4.18	30
31	5.66		4.17		19.0		7.10	3.04		19.7		3.96	31
TOTAL	270.86	285.50	134.12	272.41	441.63	505.0	378.78	169.31	108.40	287.23	307.85	282.37	TOTAL
MEAN	8.74	10.2	4.33	9.08	14.2	16.8	12.2	5.46	3.61	9.27	10.3	9.11	MEAN
MAX	17.5	28.4	6.11	28.4	26.1	24.1	18.8	8.41	8.20	25.3	20.9	20.1	MAX
MIN	4.88	3.04	3.50	3.29	7.99	11.9	7.10	2.72	2.00	2.89	4.93	3.96	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.43
MAXIMUM DAILY, 28.4 ON FEB 17
MINIMUM DAILY, 2.00 ON SEP 26
MAXIMUM INSTANTANEOUS,
46.0 AT 00:12 PST ON OCT 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 16 N
LONG 121 41 58 W
DRAINAGE AREA, 162 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 400	JUL	32 700
FEB	24 700	AUG	14 600
MAR	11 600	SEP	9 370
APR	23 500	OCT	24 800
MAY	38 200	NOV	26 600
JUN	43 600	DEC	24 400

TOTAL DISCHARGE, 297 000 dam³

SLOCAN RIVER NEAR CRESCENT VALLEY - STATION NO. 08NJ013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.3	34.5	40.5	54.4	186	403	346	182	68.1	48.0	66.3	44.6	1
2	50.1	34.0	39.9	53.7	207	381	327	175	73.1	51.7	67.3	45.0	2
3	48.1	34.3	39.4	52.8	183	381	308	168	70.2	53.0	67.3	43.9	3
4	46.7	32.8	39.9	51.3	166	398	328	164	67.5	51.3	66.2	42.9	4
5	45.9	32.0	41.3	50.8	156	384	354	157	66.6	49.4	63.9	44.1	5
6	45.3	32.0	40.8	50.2	149	412	375	151	64.3	53.3	62.1	44.6	6
7	44.5	32.3	39.9	49.0	143	393	403	146	62.3	66.3	60.2	44.1	7
8	43.6	32.3	39.4	48.2	138	355	369	143	60.3	70.7	58.6	43.3	8
9	42.8	31.4	38.5	47.9	137	332	334	139	58.8	68.5	57.3	43.5	9
10	41.9	29.2	38.2	46.9	140	327	310	135	57.7	64.6	55.8	48.4	10
11	40.5	29.2	37.7	46.6	145	310	296	130	55.8	61.7	54.7	49.4	11
12	39.9	30.0	37.9	45.9	147	292	286	126	54.2	59.3	56.6	46.2	12
13	39.4	30.6	38.2	45.3	153	281	288	122	52.8	57.0	58.6	43.2	13
14	38.8	31.1	38.5	44.2	160	271	300	118	51.2	55.4	59.2	44.1	14
15	37.7	31.7	39.1	43.6	195	270	291	113	49.7	54.2	60.0	44.3	15
16	36.5	33.4	41.1	44.4	208	290	284	109	48.2	53.4	58.9	42.7	16
17	36.0	36.5	42.8	45.0	207	288	275	105	47.1	53.1	58.2	41.2	17
18	36.5	38.5	42.8	45.9	214	269	271	101	45.9	52.3	57.2	40.1	18
19	36.8	42.5	42.2	48.8	237	263	269	96.4	46.9	51.7	55.8	40.7	19
20	36.0	46.4	41.6	52.2	275	269	272	97.2	51.0	51.0	54.5	40.0	20
21	35.4	44.5	41.3	56.2	326	262	257	96.9	49.5	49.5	55.1	38.6	21
22	35.4	42.8	42.2	59.8	363	254	247	92.0	49.9	48.1	55.6	37.8	22
23	37.1	41.6	43.6	68.7	367	254	240	87.6	48.6	46.8	55.2	35.9	23
24	39.6	41.3	44.2	110	379	246	231	83.7	48.3	46.3	53.5	36.7	24
25	39.4	43.3	44.7	128	422	246	224	80.2	47.6	46.1	51.2	36.8	25
26	38.5	43.0	46.3	116	469	260	214	77.4	46.4	46.3	50.1	36.1	26
27	37.9	42.2	46.3	108	428	272	207	74.7	45.4	51.6	47.8	35.5	27
28	37.7	41.3	46.0	105	413	265	205	71.8	47.6	65.4	46.3	34.6	28
29	37.7		48.4	106	401	257	201	70.4	52.2	77.3	46.1	33.3	29
30	36.8		51.7	117	409	269	201	70.0	50.3	72.4	44.9	33.0	30
31	36.2		52.9		436		190	67.3		67.4		32.3	31
TOTAL	1 250.0	1 014.7	1 307.3	1 941.8	7 959	9 154	8 703	3 549.6	1 637.5	1 743.1	1 704.5	1 266.9	TOTAL
MEAN	40.3	36.2	42.2	64.7	257	305	281	115	54.6	56.2	56.8	40.9	MEAN
MAX	51.3	46.4	52.9	128	469	412	403	182	73.1	77.3	67.3	49.4	MAX
MIN	35.4	29.2	37.7	43.6	137	246	190	67.3	45.4	46.1	44.9	32.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 469 ON MAY 26
MINIMUM DAILY, 29.2 ON FEB 10
MAXIMUM INSTANTANEOUS,
496 AT 02:15 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 38 N
LONG 117 33 52 W
DRAINAGE AREA, 3 320 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	108 000	JUL	752 000
FEB	87 700	AUG	307 000
MAR	113 000	SEP	141 000
APR	168 000	OCT	151 000
MAY	688 000	NOV	147 000
JUN	791 000	DEC	109 000

TOTAL DISCHARGE, 3 560 000 dam³

SMITH CREEK NEAR HEDLEY - STATION NO. 08NL034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.113B	0.127B	0.099B	0.112E	2.31 E	2.22 E	0.827E	0.462E	0.148E	0.190E	0.146E	0.100E	1
2	0.119B	0.127B	0.093	0.104	2.21	2.13	0.848	0.432	0.136	0.214	0.146	0.104	2
3	0.130B	0.122B	0.093E	0.104E	1.62 E	1.66	0.736E	0.388E	0.136E	0.200E	0.172	0.106E	3
4	0.139B	0.116B	0.093	0.104	1.02	2.01	0.622	0.345	0.136	0.187	0.151	0.108	4
5	0.144B	0.110B	0.092E	0.106E	1.01 E	1.75 E	0.592E	0.345E	0.130E	0.177E	0.149E	0.108E	5
6	0.150B	0.108B	0.090	0.108	0.991	1.49	0.562	0.345	0.124	0.167	0.146	0.108	6
7	0.153B	0.108B	0.089E	0.100	0.704	1.32 E	0.575E	0.328E	0.126E	0.164E	0.141E	0.110E	7
8	0.156B	0.108B	0.087	0.104	0.944	1.15	0.589	0.309	0.128	0.161	0.136	0.112	8
9	0.150B	0.108B	0.089E	0.106E	0.943E	1.15 E	0.589E	0.300E	0.128E	0.164E	0.126E	0.116E	9
10	0.144B	0.102B	0.090	0.108	0.944	1.15	0.589	0.291	0.128	0.167	0.116	0.120	10
11	0.136B	0.099B	0.093E	0.108E	1.06 E	1.06	0.623E	0.266E	0.126E	0.167E	0.118E	0.116B	11
12	0.125B	0.093B	0.096	0.108	1.18	1.02	0.655	0.241	0.124	0.167	0.120	0.113B	12
13	0.108B	0.088B	0.102E	0.118E	1.53 E	1.34 E	0.654E	0.241E	0.124E	0.164E	0.124E	0.110B	13
14	0.100	0.088B	0.108	0.128	1.87	1.66	0.655	0.241	0.124	0.161	0.128	0.116B	14
15	0.098E	0.085B	0.108E	0.147E	2.04 E	1.63 E	0.824E	0.245E	0.124E	0.161E	0.132E	0.119B	15
16	0.096	0.085B	0.108	0.167	2.21	1.59	0.991	0.248	0.124	0.161	0.136	0.116B	16
17	0.104E	0.088B	0.106E	0.174E	2.51 E	1.80 E	1.19 E	0.241E	0.122E	0.159E	0.132E	0.113B	17
18	0.112	0.093B	0.104	0.182	2.80	2.01	1.38	0.234	0.120	0.156	0.128	0.116B	18
19	0.120E	0.099B	0.104E	0.292E	3.71 E	1.83 E	1.49 E	0.221E	0.118E	0.156E	0.112E	0.122B	19
20	0.128	0.108B	0.104	0.399	4.64	1.66	1.59	0.207	0.116	0.156	0.096	0.122B	20
21	0.130E	0.108B	0.102E	0.428E	4.53 E	1.63 E	1.29 E	0.184E	0.116E	0.154E	0.093E	0.116B	21
22	0.132	0.110B	0.100	0.453	4.40	1.59	0.991	0.161	0.116	0.151	0.090	0.110B	22
23	0.142E	0.110B	0.100E	0.699E	4.19 E	1.45 E	1.01 E	0.151E	0.118E	0.149E	0.090E	0.108B	23
24	0.151	0.113B	0.100	0.944	3.94	1.31	1.02	0.141	0.120	0.146	0.090	0.108B	24
25	0.140E	0.113B	0.108E	0.920E	4.67 E	1.12	1.01 E	0.135E	0.124E	0.146E	0.089E	0.110B	25
26	0.128	0.113B	0.116	0.896	5.38	1.18	0.991	0.128	0.128	0.146	0.087	0.108B	26
27	0.122E	0.110B	0.118E	1.28 E	4.79 E	1.06 E	0.790E	0.132E	0.145E	0.149E	0.090E	0.105B	27
28	0.116	0.108B	0.120	1.66	4.16	0.944	0.589	0.136	0.161	0.151	0.093	0.108B	28
29	0.122E		0.124E	0.920	3.28 E	0.872E	0.555E	0.154E	0.164E	0.149E	0.095E	0.105B	29
30	0.128		0.128	2.41	2.41	0.801	0.521	0.172	0.167	0.146	0.096	0.102B	30
31	0.127B		0.120E		2.31 E		0.490E	0.160E		0.146E		0.099B	31
TOTAL	3.963	2.947	3.184	13.489	80.306	43.587	25.838	7.584	3.901	5.032	3.568	3.434	TOTAL
MEAN	0.128	0.105	0.103	0.450	2.59	1.45	0.833	0.245	0.130	0.162	0.119	0.111	MEAN
MAX	0.156	0.127	0.128	2.41	5.38	2.22	1.59	0.462	0.167	0.214	0.172	0.122	MAX
MIN	0.096	0.085	0.087	0.100	0.704	0.801	0.490	0.128	0.116	0.146	0.087	0.099	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.539
MAXIMUM DAILY, 5.38 ON MAY 26
MINIMUM DAILY, 0.085B ON FEB 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 22 47 N
LONG 120 11 26 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	342	JUL	2 230
FEB	255	AUG	655
MAR	275	SEP	337
APR	1 170	OCT	435
MAY	6 940	NOV	308
JUN	3 770	DEC	297

TOTAL DISCHARGE, 17 000 dam³

SMOKY CREEK ABOVE DIVERSIONS - STATION NO. 08NJ162

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.173	0.283	0.083	0.101	0.038	0.012	0.009	0.012	0.026	1
2	---	---	---	0.167	0.219	0.083	0.098	0.036	0.012	0.008	0.011	0.026	2
3	---	---	---	0.150	0.187	0.074	0.095	0.036	0.011	0.007	0.011	0.026	3
4	---	---	---	0.133	0.173	0.076	0.091	0.035	0.012	0.007	0.010	0.025	4
5	---	---	---	0.118	0.150	0.076	0.098	0.032	0.011	0.007	0.010	0.030	5
6	---	---	---	0.112	0.144	0.086	0.108	0.030	0.009	0.010	0.010	0.033	6
7	---	---	---	0.098	0.122	0.086	0.122	0.027	0.008	0.018	0.010	0.033	7
8	---	---	---	0.088	0.122	0.083	0.115	0.026	0.008	0.014	0.009	0.032	8
9	---	---	---	0.086	0.115	0.086	0.112	0.025	0.008	0.013	0.009	0.032	9
10	---	---	---	0.076	0.101	0.091	0.108	0.023	0.007	0.011	0.009	0.046	10
11	---	---	---	0.076	0.108	0.086	0.098	0.023	0.007	0.010	0.010	0.041	11
12	---	---	---	0.065	0.108	0.086	0.091	0.022	0.006	0.010	0.011	0.040	12
13	---	---	---	0.061	0.105	0.095	0.101	0.022	0.006	0.009	0.011	0.040	13
14	---	---	---	0.061	0.127E	0.095	0.098	0.021	0.006	0.008	0.015	0.040	14
15	---	---	---	0.057	0.150	0.091	0.088	0.018	0.006	0.008	0.014	0.040	15
16	---	---	---	0.057	0.139	0.091	0.086	0.017	0.005	0.008	0.015	0.038	16
17	---	---	---	0.057	0.118	0.091	0.076	0.015	0.006	0.007	0.018	0.038	17
18	---	---	---	0.057	0.112	0.101	0.074	0.015	0.005	0.007	0.017	0.038	18
19	---	---	---	0.062	0.112	0.144	0.074	0.018	0.010	0.008	0.017	0.038	19
20	---	---	---	0.076	0.101	0.133	0.070	0.017	0.006	0.007	0.017	0.036	20
21	---	---	---	0.108	0.091	0.133	0.065	0.01F	0.011	0.007	0.026	0.035	21
22	---	---	---	0.167	0.095	0.144	0.062	0.014	0.008	0.006	0.027	0.033	22
23	---	---	---	0.195	0.088	0.144	0.059	0.013	0.007	0.007	0.029	0.033	23
24	---	---	---	0.406	0.088	0.127	0.057E	0.012	0.007	0.007	0.029	0.030	24
25	---	---	---	0.374	0.088	0.122	0.055	0.011	0.006	0.007	0.027	0.029	25
26	---	---	---	0.261	0.095	0.105	0.052	0.011	0.006	0.007	0.027	0.029	26
27	---	---	---	0.219	0.086	0.098	0.050	0.011	0.007	0.010	0.027	0.027	27
28	---	---	---	0.219	0.079	0.095	0.049	0.010	0.008	0.013	0.027	0.027	28
29	---		---	0.211	0.076	0.105	0.064	0.010	0.012	0.012	0.026	0.027	29
30	---		---	0.211	0.081	0.101	0.046	0.011	0.009	0.013	0.025	0.026	30
31	---		---		0.088		0.040	0.010		0.012		0.026	31
TOTAL	---	---	---	4.201	3.751	3.011	2.503	0.620	0.242	0.287	0.516	1.020	TOTAL
MEAN	---	---	---	0.140	0.121	0.100	0.081	0.020	0.008	0.009	0.017	0.033	MEAN
MAX	---	---	---	0.406	0.283	0.144	0.122	0.038	0.012	0.018	0.029	0.046	MAX
MIN	---	---	---	0.057	0.076	0.074	0.040	0.010	0.005	0.006	0.009	0.025	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.406 ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 27 57 N
LONG 117 31 04 W
DRAINAGE AREA, 5.59 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	216
FEB	---	AUG	53.6
MAR	---	SEP	20.9
APR	363	OCT	24.8
MAY	324	NOV	44.6
JUN	260	DEC	88.1

SOMASS RIVER NEAR ALBERNI - STATION NO. 08HB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	406	125	157	94.2	129	59.9	59.8	36.0	35.8	182	752	175	1
2	337	113	134	81.9	138	58.7	58.2	34.5	35.1	196	631	193	2
3	280	99.3	111	73.7	142	59.8	56.7	33.3	34.8	177	512	180	3
4	245	90.8	105	72.0	137	61.3	55.2	32.6	34.8	158	413	194	4
5	219	77.0	99.4	90.1	130	66.5	54.4	31.2	34.1	145	333	398	5
6	198	73.3	94.3	94.7	121	78.1	53.7	30.5	33.5	197	274	359	6
7	179	72.3	91.8	91.1	115	88.3	52.6	33.5	33.0	230	238	295	7
8	165	68.9	93.2	88.7	104	84.6	51.3	38.0	32.1	262	212	252	8
9	168	66.8	89.7	81.7	91.2	81.3	49.9	36.4	31.6	250	188	252	9
10	158	66.8	86.3	78.4	87.1	73.3	52.0	35.3	31.5	223	168	256	10
11	148	63.4	83.0	88.7	80.7	60.6	55.5	33.6	31.2	203	307	231	11
12	134	61.9	79.9	86.6	67.6	59.3	55.6	31.9	31.0	184	421	205	12
13	121	67.4	76.9	80.7	63.0	58.2	52.2	30.8	30.5	165	362	185	13
14	110	102	74.4	72.0	65.3	56.5	51.0	30.4	29.6	150	361	173	14
15	98.1	173	75.1	71.8	64.1	54.3	50.8	31.3	30.6	137	389	167	15
16	90.9	243	73.7	83.4	62.0	51.0	49.6	30.2	32.6	124	362	156	16
17	85.2	359	68.5	86.9	61.2	46.8	48.3	29.7	30.9	112	320	147	17
18	147	467	65.9	86.5	61.5	49.0	48.5	29.1	31.3	105	278	150	18
19	249	530	63.4	84.2	64.8	55.5	47.0	28.5	32.8	98.5	265	272	19
20	339	525	61.3	80.6	67.0	56.7	45.2	31.5	31.4	92.0	290	314	20
21	510	435	59.6	75.0	79.5	57.6	42.4	36.1	60.6	85.5	394	264	21
22	519	361	61.8	83.6	76.8	59.7	40.7	35.3	96.5	80.4	435	226	22
23	462	318	66.7	122	61.6	63.3	38.9	34.7	100	76.1	382	197	23
24	390	285	61.2	200	65.4	63.5	36.8	34.2	95.3	71.8	318	181	24
25	322	254	69.7	202	73.2	62.6	35.8	33.6	87.3	68.0	270	165	25
26	286	227	66.0	181	69.6	60.9	35.0	33.5	77.5	65.6	238	154	26
27	262	198	59.9	139	66.8	61.4	33.9	32.8	79.9	94.0	212	142	27
28	228	170	59.9	133	64.6	60.0	32.3	33.1	113	149	192	133	28
29	193		69.4	130	63.8	60.7	32.5	34.0	122	136	175	120	29
30	158		73.3	129	63.3	59.7	31.7	34.0	123	143	165	103	30
31	135		92.0		61.6		33.0	34.1		499		94.7	31
TOTAL	7 342.2	5 692.9	2 523.3	3 062.5	2 597.7	1 869.1	1 440.5	1 023.7	1 603.3	4 858.9	9 857	6 333.7	TOTAL
MEAN	237	203	81.4	102	83.8	62.3	46.5	33.0	53.4	157	329	204	MEAN
MAX	519	530	157	202	142	88.3	59.8	38.0	123	499	752	398	MAX
MIN	85.2	61.9	59.6	71.8	61.2	46.8	31.7	28.5	29.6	65.6	165	94.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 132
MAXIMUM DAILY, 752 ON NOV 1
MINIMUM DAILY, 28.5 ON AUG 19
MAXIMUM INSTANTANEOUS,
773 AT 10:02 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 124 52 00 W
DRAINAGE AREA, 1 280 km²

REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	634 000	JUL	124 000
FEB	492 000	AUG	88 400
MAR	218 000	SEP	139 000
APR	265 000	OCT	420 000
MAY	224 000	NOV	852 000
JUN	161 000	DEC	547 000

TOTAL DISCHARGE, 4 160 000 dam³

SOUTH DAWSON CREEK AT THE MOUTH - STATION NO. 07FD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.96	0.817	0 E	0	0	0	---	---	1
2	---	---	---	---	2.36 E	0.592	0	0	0	---	---	---	2
3	---	---	---	---	1.76 E	0.393	0 E	0	0	---	---	---	3
4	---	---	---	---	1.15	0.354	0 E	0	0	---	---	---	4
5	---	---	---	---	0.932	0.278	0 E	0	0	---	---	---	5
6	---	---	---	---	0.788	0.216E	0 E	0	0	---	---	---	6
7	---	---	---	---	0.725	0.154E	0	0	0	---	---	---	7
8	---	---	---	---	0.674	0.092	0 E	0	0	---	---	---	8
9	---	---	---	---	0.623E	0.034	0 E	0	0	---	---	---	9
10	---	---	---	---	0.572E	0.029	0	0	0	---	---	---	10
11	---	---	---	---	0.520	0.009	0 E	0	0	---	---	---	11
12	---	---	---	---	0.469	0.009	0 E	0	0	---	---	---	12
13	---	---	---	---	0.469	0.010E	0	0	0	---	---	---	13
14	---	---	---	---	0.582	0.010E	0	0	0	---	---	---	14
15	---	---	---	---	0.480	0.011	0 E	0	0	---	---	---	15
16	---	---	---	---	0.425E	0.009	0	0	0	---	---	---	16
17	---	---	---	---	0.383E	0.024	0 E	0	0	---	---	---	17
18	---	---	---	---	0.345E	0.029	0 E	0	0	---	---	---	18
19	---	---	---	---	0.307	0.201	0 E	0	0	---	---	---	19
20	---	---	---	---	0.347	0.145E	0	0	0	---	---	---	20
21	---	---	---	1.75	0.308	0.089E	0	0	0	---	---	---	21
22	---	---	---	1.30	0.270	0.034	0 E	0	0	---	---	---	22
23	---	---	---	1.67	0.232E	0.014	0	0	0	---	---	---	23
24	---	---	---	5.47	0.193E	0.014	0.001	0	0	---	---	---	24
25	---	---	---	3.93	0.155	0.005	0 E	0	0	---	---	---	25
26	---	---	---	2.50E	0.141	0.005	0 E	0	0	---	---	---	26
27	---	---	---	1.06	0.428	0.003E	0	0	0	---	---	---	27
28	---	---	---	1.88	0.385	0	0	0	0	---	---	---	28
29	---		---	2.15	1.63	0	0	0	0	---	---	---	29
30	---		---	1.91	1.36 E	0	0	0		---	---	---	30
31	---		---		1.09 E		0	0					31
TOTAL	---	---	---	---	23.063	3.580	0.001	0	0	---	---	---	TOTAL
MEAN	---	---	---	---	0.744	0.119	0	0	0	---	---	---	MEAN
MAX	---	---	---	---	2.96	0.817	0.001	0	0	---	---	---	MAX
MIN	---	---	---	---	0.141	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.47 ON APR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 45 23 N
LONG 120 15 00 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	---
MAY	1 990	NOV	---
JUN	309	DEC	---

SOUTH THOMPSON RIVER AT CHASE - STATION NO. 08LE031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	185	181	181	194	285	861	778	634	329	213	259	235	1
2	187	181	180	196	303	885	778	622	328	213	263	233	2
3	187	181	181	196	321	904	776	609	329	219	265	230	3
4	187	181	183	198	332	921	774	599	329	226	267	229	4
5	187	180	185	201	346	934	775	589	329	231	270	227	5
6	189	179	187	201	354	943	773	578	328	232E	272	224	6
7	189	179	188	202	360	955	772	567	324	234E	271	221	7
8	189	178	189	203	366	960	769	555	320	235E	271	216	8
9	188	176	189	203	372	958	760	546	314	240E	270	214	9
10	187	175	188	204	377	955	751	535	309	245E	268	211	10
11	185	173	187	204	382	948	743	524	304	249E	267	208	11
12	184	172	186	203	389	935	735	514	297	252E	265	206	12
13	183	171	185	202	398	923	728	502	291	254E	265	204	13
14	181	170	185	202	407	913	724	491	285	255E	266	204	14
15	179	170	185	200	417	903	721	481	279	262	266	201	15
16	177	170	184	198	431	897	718	469	273	261	265	198	16
17	176	170	184	197	446	893	713	459	267	260	263	196	17
18	175	170	185	196	461	886	709	449	261	259	262	195	18
19	173	171	186	195	478	878	705	439	255	256	262	193	19
20	172	172	187	195	501	867	703	429	251	253	261	189	20
21	171	173	188	197	524	856	700	421	250	251	260	186	21
22	171	174	188	200	551	847	698	413	246	249	258	183	22
23	170	175	188	205	585	838	694	404	241	247	256	181	23
24	171	176	189	210	620	829	693	395	236	244	253	180	24
25	173	177	189	223	655	820	690	381	231	242	250	178	25
26	176	178	188	237	695	809	684	367	227	239	247	176	26
27	178	180	189	247	733	801	676	357	224	239	242	174	27
28	179	180	189	257	760	797	665	351	221	240	240	172	28
29	180		190	265	779	790	655	346	216	242	239	170	29
30	181		190	275	797	782	649	341	213	247	236	166	30
31	181		192		825		641	335		253		165	31
TOTAL	5 591	4 913	5 785	6 306	15 250	26 488	22 350	14 702	8 307	7 542	7 799	6 165	TOTAL
MEAN	180	175	187	210	492	883	721	474	277	243	260	199	MEAN
MAX	189	181	192	275	825	960	778	634	329	262	272	235	MAX
MIN	170	170	180	194	285	782	641	335	213	213	236	165	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 359
MAXIMUM DAILY, 960 ON JUN 8
MINIMUM DAILY, 165 ON DEC 31
MAXIMUM INSTANTANEOUS,
961 AT 15:00 PST ON JUN 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 37 N
LONG 119 41 57 W
DRAINAGE AREA, 16 200 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	483 000	JUL	1 930 000
FEB	424 000	AUG	1 270 000
MAR	500 000	SEP	718 000
APR	545 000	OCT	652 000
MAY	1 320 000	NOV	674 000
JUN	2 290 000	DEC	533 000

TOTAL DISCHARGE, 11 300 000 dam³

SPAHATS CREEK NEAR THE MOUTH - STATION NO. 08LA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.19	6.46	4.44	1.89	0.784	---	---	---	1
2	---	---	---	---	2.07E	6.03	5.11	1.73	1.81	---	---	---	2
3	---	---	---	---	1.84E	6.03	7.38	1.65	1.44	---	---	---	3
4	---	---	---	---	1.93E	5.75	6.03	1.28	3.45	---	---	---	4
5	---	---	---	---	2.81E	6.17	4.64	1.44	2.86	---	---	---	5
6	---	---	---	---	1.93E	5.82	4.00	1.28	1.93 E	---	---	---	6
7	---	---	---	---	1.84E	4.64	3.57	1.19	1.40	---	---	---	7
8	---	---	---	---	1.76E	4.25	2.75	1.22	1.21 E	---	---	---	8
9	---	---	---	---	1.66E	4.19	2.69	1.06	1.01	---	---	---	9
10	---	---	---	---	1.56E	3.03	2.92	0.988	1.14	---	---	---	10
11	---	---	---	---	1.49E	3.21	3.33	0.765	0.883	---	---	---	11
12	---	---	---	---	1.44	3.45	3.45	0.720	0.765	---	---	---	12
13	---	---	---	---	1.69	3.03	3.51	0.735	0.691	---	---	---	13
14	---	---	---	---	2.52E	4.44	3.81	0.691	0.647	---	---	---	14
15	---	---	---	---	3.45	4.19	4.00	0.661	0.617E	---	---	---	15
16	---	---	---	---	3.69	4.06	3.75	0.632	0.595E	---	---	---	16
17	---	---	---	---	4.38	3.57	4.77	0.617	0.558E	---	---	---	17
18	---	---	---	---	4.64	3.87	4.25	0.605	0.521E	---	---	---	18
19	---	---	---	---	4.96E	3.69	3.62	0.532	0.481E	---	---	---	19
20	---	---	---	---	5.30E	4.00	3.94	0.632	0.462E	---	---	---	20
21	---	---	---	---	5.61	3.69	3.45	0.605	0.504E	---	---	---	21
22	---	---	---	---	5.75	3.75	2.92	0.496	0.552E	---	---	---	22
23	---	---	---	---	5.82	3.62	3.62	0.476	0.680E	---	---	---	23
24	---	---	---	---	5.96	3.87	3.90	0.456	0.821E	---	---	---	24
25	---	---	---	---	6.88	5.32	2.97	0.456	0.892E	---	---	---	25
26	---	---	---	---	6.31E	6.03	2.80	0.446	0.807E	---	---	---	26
27	---	---	---	---	5.75E	4.97	2.97	0.436	0.765E	---	---	---	27
28	---	---	---	---	5.18	4.25	2.80	0.396	0.745E	---	---	---	28
29	---		---	---	5.82	5.11	2.92	0.466	0.720	---	---	---	29
30	---		---	---	8.16	4.25	2.75	0.520	0.706	---	---	---	30
31	---		---		6.81		2.19	0.436		---		---	31
TOTAL	---	---	---	---	120.40	134.74	115.29	25.587	30.046	---	---	---	TOTAL
MEAN	---	---	---	---	3.88	4.49	3.72	0.823	1.00	---	---	---	MEAN
MAX	---	---	---	---	8.16	6.46	7.38	1.89	3.45	---	---	---	MAX
MIN	---	---	---	---	1.44	3.03	2.19	0.396	0.462	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 44 03 N
LONG 120 00 27 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9 960
FEB	---	AUG	2 200
MAR	---	SEP	2 600
APR	---	OCT	---
MAY	10 400	NOV	---
JUN	11 600	DEC	---

SPAHOMIN CREEK NEAR THE MOUTH - STATION NO. 08LG060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.191B	0.150B	0.270B	0.300B	0.369	3.52	2.32	1.46	0.547	0.236	0.105	0.130B	1
2	0.165B	0.153B	0.310B	0.275B	0.415	3.50	2.26	1.42	0.525	0.224	0.107	0.110B	2
3	0.160B	0.150B	0.335	0.260B	0.490	3.49	2.23	1.43	0.501	0.213	0.100	0.120B	3
4	0.171B	0.147B	0.341	0.250B	0.616	3.59	2.20	1.41	0.495	0.183	0.093	0.150B	4
5	0.181B	0.145B	0.344	0.292B	0.687	3.45	2.12	1.38	0.469	0.165	0.096	0.140B	5
6	0.186B	0.153B	0.329	0.270B	0.746	3.32	2.07	1.34	0.434	0.165	0.088	0.141B	6
7	0.188B	0.146B	0.340B	0.270B	0.770	3.39	2.24	1.27	0.405	0.180	0.092	0.120B	7
8	0.190B	0.159B	0.350B	0.280B	0.755	3.38	2.22	1.22	0.377	0.148	0.096	0.110B	8
9	0.195B	0.155B	0.365	0.271B	0.717	3.54	2.05	1.18	0.361	0.135	0.096	0.130B	9
10	0.182B	0.110B	0.356	0.273B	0.731	3.45	2.04	1.18	0.345	0.129	0.093	0.140B	10
11	0.170B	0.122B	0.330B	0.265B	0.781	3.46	2.01	1.17	0.325	0.123	0.114	0.110B	11
12	0.172B	0.140B	0.335B	0.255B	0.843	3.38	1.97	1.14	0.308	0.114	0.123	0.093B	12
13	0.168B	0.165B	0.333B	0.270B	0.851	3.41	1.96	1.09	0.289	0.117	0.111	0.100B	13
14	0.160B	0.220B	0.345B	0.300B	0.858	3.32	1.98	1.06	0.277	0.118	0.100	0.095B	14
15	0.153B	0.300B	0.362	0.330B	1.03	3.19	1.97	1.02	0.260	0.115	0.096	0.092B	15
16	0.153B	0.415B	0.382	0.349	1.21	3.09	2.00	0.977	0.252	0.114	0.110	0.090B	16
17	0.155B	0.394B	0.367	0.350	1.37	3.05	2.04	1.04	0.243	0.113	0.096	0.106B	17
18	0.166B	0.402B	0.340B	0.340	1.50	3.08	2.10	1.02	0.236	0.113	0.103	0.125B	18
19	0.180B	0.403	0.320B	0.345	1.48	2.99	2.14	1.00	0.311	0.117	0.103	0.133B	19
20	0.195B	0.369	0.330B	0.342	1.59	2.96	2.17	1.02	0.343	0.117	0.103	0.110B	20
21	0.210B	0.349	0.341	0.342	1.97	2.91	2.16	0.956	0.273	0.105	0.112	0.096B	21
22	0.218B	0.348	0.339	0.344	2.25	2.79	2.11	0.908	0.246	0.093	0.110	0.090B	22
23	0.210B	0.342	0.324	0.360	2.47	2.73	1.98	0.863	0.225	0.100	0.104	0.090B	23
24	0.200B	0.335	0.331	0.368	2.55	2.65	1.90	0.825	0.215	0.096	0.113	0.103B	24
25	0.193B	0.329	0.347	0.362	2.83	2.57	1.87	0.751	0.226	0.099	0.111	0.097B	25
26	0.181B	0.318B	0.346	0.359	3.03	2.50	1.77	0.691	0.275	0.098	0.115	0.092B	26
27	0.191B	0.300B	0.339	0.358	3.21	2.48	1.69	0.653	0.271	0.107	0.113B	0.097B	27
28	0.190B	0.250B	0.341	0.374	3.32	2.44	1.66	0.603	0.249	0.123	0.116B	0.090B	28
29	0.181B		0.337	0.351	3.25	2.37	1.78	0.584	0.231	0.135	0.117B	0.078B	29
30	0.210B		0.341	0.344	3.30	2.39	1.62	0.573	0.230	0.124	0.113B	0.070B	30
31	0.185B		0.336		3.42		1.54	0.546		0.116		0.066B	31
TOTAL	5.650	6.969	10.506	9.449	49.409	92.39	62.17	31.780	9.744	4.135	3.149	3.314	TOTAL
MEAN	0.182	0.249	0.339	0.315	1.59	3.08	2.01	1.03	0.325	0.133	0.105	0.107	MEAN
MAX	0.218	0.415	0.382	0.374	3.42	3.59	2.32	1.46	0.547	0.236	0.123	0.150	MAX
MIN	0.153	0.110	0.270	0.250	0.369	2.37	1.54	0.546	0.215	0.093	0.088	0.066	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.791
MAXIMUM DAILY, 3.59 ON JUN 4
MINIMUM DAILY, 0.066B ON DEC 31
MAXIMUM INSTANTANEOUS,
3.79 AT 08:45 PST ON JUN 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 08 N
LONG 120 16 30 W
DRAINAGE AREA, 241 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	488	JUL	5 370
FEB	602	AUG	2 750
MAR	908	SEP	842
APR	816	OCT	357
MAY	4 270	NOV	272
JUN	7 980	DEC	286

TOTAL DISCHARGE, 24 900 dam³

SPATSIZI RIVER NEAR THE MOUTH - STATION NO. 08CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	8.10B	7.80B	6.20B	16.3B	346	179	111	55.1	54.2	24.4B	10.4 B	1
2	10.2 B	8.20B	7.80B	6.10B	17.8B	311	185	101	50.7	58.5	23.5B	10.1 B	2
3	10.4 B	8.10B	7.68B	6.00B	19.6B	282	214	95.2	45.7	49.7	22.0B	10.0 B	3
4	10.5 B	7.98B	7.36B	5.89B	21.8B	273	221	101	42.9	44.1	21.0B	9.90B	4
5	10.3 B	7.92B	7.19B	5.80B	24.5B	255	184	101	41.5	38.7	20.0B	9.60B	5
6	10.1 B	7.98B	7.19B	5.75B	26.5B	227	155	109	47.8	38.6	19.6B	9.40B	6
7	10.1 B	8.02B	7.20B	5.70B	30.0B	206	134	101	61.9	38.4	19.2B	9.10B	7
8	10.0 B	7.98B	7.26B	5.62B	33.8B	186	116	93.0	65.7	37.3	18.8B	8.90B	8
9	9.90B	7.75B	7.38B	5.60B	37.2B	174	107	87.9	88.6	37.0	18.2B	8.75B	9
10	9.90B	7.70B	7.30B	5.60B	42.8B	170	114	84.0	133	35.9	18.0B	8.70B	10
11	9.96B	7.67B	7.15B	5.65B	49.5B	181	145	78.9	116	34.4	17.6B	8.75B	11
12	9.90B	7.50B	7.00B	5.78B	56.5B	197	189	72.7	103	32.8	17.0B	8.80B	12
13	9.76B	7.50B	7.04B	5.95B	64.0B	222	211	66.6	84.7	32.8	15.9B	8.80B	13
14	9.50B	7.60B	7.05B	6.00B	74.0B	241	218	61.3	74.0	34.8	15.2B	8.80B	14
15	9.38B	7.90B	7.03B	6.05B	86.5B	251	219	59.5	72.8	41.9	14.9B	8.80B	15
16	9.34B	8.10B	6.98B	6.10B	10:	248	225	57.9	80.7	55.5	14.7B	8.80B	16
17	9.36B	8.20B	6.82B	6.30B	119	232	230	54.5	75.5	52.3	14.4B	8.80B	17
18	9.40B	8.22B	6.60B	6.80B	160	217	231	51.2	78.2	48.1	13.9B	8.80B	18
19	9.56B	8.27B	6.40B	7.15B	185	211	240	49.8	76.9	48.6	13.2B	8.80B	19
20	9.53B	8.23B	6.20B	7.65B	209	209	238	50.6	69.8	42.6	12.8B	8.75B	20
21	9.42B	8.10B	6.06B	8.60B	223	209	209	52.5	61.6	40.1	12.2B	8.60B	21
22	9.44B	7.98B	6.02B	9.20B	231	215	179	57.0	56.6	38.3	12.1B	8.45B	22
23	9.47B	7.78B	6.20B	9.90B	235	224	164	54.2	55.3	37.5	12.0B	8.35B	23
24	9.07B	7.60B	6.32B	10.9 B	257	247	158	50.8	52.9	39.5	12.0B	8.30B	24
25	8.70B	7.55B	6.40B	12.1 B	298	242	165	57.1	48.8	43.5	12.0B	8.15B	25
26	8.50B	7.54B	6.40B	13.4 B	367	216	178	67.0	45.4	41.9	12.0B	7.90B	26
27	8.38B	7.60B	6.38B	14.1 B	391	194	161	67.9	43.5	39.2	11.9B	7.80B	27
28	8.27B	7.72B	6.28B	14.5 B	352	176	146	71.0	42.4	37.2	11.5B	6.95B	28
29	8.04B		6.21B	14.9 B	332	174	137	73.8	42.1	35.5	11.0B	6.65B	29
30	8.00B		6.25B	15.1 B	347	182	127	63.3	42.3	33.5	10.6B	6.45B	30
31	8.03B		6.25B		360		117	58.0		30.7		6.40B	31
TOTAL	292.51	220.79	211.20	244.39	4 767.8	6 718	5 496	2 259.7	1 955.4	1 273.1	471.6	266.35	TOTAL
MEAN	9.44	7.89	6.81	8.15	154	224	177	72.9	65.2	41.1	15.7	8.59	MEAN
MAX	10.5	8.27	7.80	15.1	391	346	240	111	133	58.5	24.4	10.4	MAX
MIN	8.00	7.50	6.02	5.60	16.3	170	107	49.8	41.5	30.7	10.6	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.2
MAXIMUM DAILY, 391 ON MAY 27
MINIMUM DAILY, 5.60B ON APR 9
MAXIMUM INSTANTANEOUS,
396 AT 13:10 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 40 13 N
LONG 128 06 12 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 300	JUL	475 000
FEB	19 180	AUG	195 000
MAR	18 200	SEP	169 000
APR	21 100	OCT	110 000
MAY	412 000	NOV	40 700
JUN	580 000	DEC	23 000

TOTAL DISCHARGE, 2 090 000 dam³

SPILLIMACHEEN RIVER NEAR SPILLIMACHEEN - STATION NO. 08NA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6	5.55	4.76	5.75	34.0	111	116	87.8	48.1	14.0	11.5	6.36	1
2	8.33	5.07	4.70	5.41	50.1	108	107	80.7	47.9	20.2	12.9	7.34	2
3	7.22	4.87	4.87	5.83	41.6	115	101	78.4	34.5	17.7	11.5	5.42	3
4	7.39	4.76	4.96	5.10	35.4	115	137	77.3	30.6	15.0	11.1	6.45	4
5	8.18	4.84	5.04	5.64	33.7	103	157	73.6	33.1	13.9	9.74	7.60	5
6	8.83	5.10	4.79	5.32	30.0	103	172	75.9	28.2	13.4	8.33	7.55	6
7	8.92	5.58	4.50	5.13	28.1	100	153	81.6	29.2	14.0	8.61	6.83	7
8	8.95	5.52	4.70	5.27	27.7	87.2	111	87.2	34.5	14.9	10 8	6.48	8
9	8.47	5.52	4.84	5.64	29.4	79.6	87.5	87.2	42.8	14.1	9.26	6.90	9
10	8.24	5.21B	4.67	5.38	30.6	73.9	79.3	84.4	46.4	13.1	7.87	6.59	10
11	8.16	5.41B	4.70	5.24	34.0	69.4	85.2	83.8	37.1	12.1	8.81	6.58	11
12	7.93	5.64	4.84	5.21	36.0	65.4	86.1	86.1	39.9	11.9	9.60	5.29	12
13	7.36	5.78	4.76	5.64	36.8	62.9	89.8	86.4	33.7	11.2	10.1	4.98	13
14	6.94	6.00	4.73	5.10	39.9	61.2	136	83.8	28.3	11.4	9.23	5.23	14
15	6.37	5.75	4.81	5.32	45.3	68.0	118	81.0	26.6	11.2	9.17	5.32B	15
16	6.20	5.61	4.93	6.23	47.3	79.3	106	83.3	31.4	10.9	8.86	6.06B	16
17	6.14	5.55	4.96	6.99	48.7	73.9	106	80.4	36.5	10.8	8.72A	5.61B	17
18	6.68	5.80	5.04	6.99	54.4	63.7	112	73.6	37.9	10.4	9.43A	5.13B	18
19	6.94	5.83	4.70	7.76	64.8	57.5	117	71.6	49.3	10.4	8.68	5.01B	19
20	6.97	6.31	4.59	8.83	82.1	56.1	118	79.3	45.0	10.3	8.35	6.43B	20
21	7.14	5.55	4.76	9.68	98.8	55.2	114	75.3	28.2	8.86	8.21	6.48B	21
22	6.82	5.35	5.21	10.2	113	52.1	110	64.3	24.2	8.47	8.17	5.58B	22
23	6.82	5.30	5.35	10.8	118	51.8	104	61.2	21.0	9.43A	7.97	5.18B	23
24	6.88	5.41	5.27	19.7	127	50.7	98.8	60.9	19.0	9.60	6.98	5.47B	24
25	6.80	5.15	5.01	24.0	137	53.2	100	63.7	17.4	9.37	3.44	5.80B	25
26	6.63	5.10	5.32	20.2	155	69.4	95.4	67.4	16.1	10.5	3.66	6.14B	26
27	6.57	4.98	5.24	18.5	140	84.7	97.7	65.1	15.3	11.7	3.60	6.09B	27
28	6.60	4.81	5.30	17.8	118	75.0	108	54.1	15.3	12.7	3.19	5.97B	28
29	6.46		5.66	20.7	106	70.8	107	49.0	15.5	13.4	5.44	5.49B	29
30	6.20		5.75	22.2	112	83.5	104	50.7	14.5	11.7	6.44	5.10B	30
31	5.97		5.80		127		94.3	43.9		10.7		4.76B	31
TOTAL	227.71	151.35	154.56	291.56	2 181.7	2 299.5	3 428.1	2 279.0	927.5	377.33	249.66	185.22	TOTAL
MEAN	7.35	5.41	4.99	9.72	70.4	76.7	111	73.5	30.9	12.2	8.32	5.97	MEAN
MAX	10.6	6.31	5.80	24.0	155	115	172	87.8	49.3	20.2	12.9	7.60	MAX
MIN	5.97	4.76	4.50	5.10	27.7	50.7	79.3	43.9	14.5	8.47	3.19	4.76	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.9
MAXIMUM DAILY, 172 ON JUL 6
MINIMUM DAILY, 3.19 ON NOV 28
MAXIMUM INSTANTANEOUS,
180 AT 05:50 MST ON JUL 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 15 N
LONG 116 24 21 W
DRAINAGE AREA, 1 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 700	JUL	296 000
FEB	13 100	AUG	197 000
MAR	13 400	SEP	80 100
APR	25 200	OCT	32 600
MAY	188 000	NOV	21 600
JUN	199 000	DEC	16 000

TOTAL DISCHARGE, 1 100 000 dam³

SPIUS CREEK NEAR CANFORD - STATION NO. 08LG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.9	5.60	6.39	6.18	42.8	32.1	19.6	4.58	1.31 E	1.46	12.5	3.17	1
2	19.4	5.93	6.15	5.90	33.6	32.6	18.3	4.06	1.10 E	7.25	10.5	2.97	2
3	17.7	4.86	6.32	5.87	27.2	29.4	17.7	3.64	0.905E	4.76	8.39	2.79	3
4	16.2	4.64	6.25	5.54	24.6	32.2	18.1	3.41	0.950E	3.33	7.25	4.37	4
5	15.0	4.40	5.86	5.91	21.6	29.5	17.1	3.07	0.960E	2.60	6.23	4.50	5
6	14.1	3.74	5.32	6.03	19.7	34.4	14.4	2.74	0.930E	3.07	5.61	4.79	6
7	12.8	4.00B	5.59	5.56	18.7	26.8	13.1	2.56	0.870E	10.3	5.08	3.84	7
8	12.1	4.70B	5.43	5.40	18.1	22.8	12.4	2.39	0.935E	8.31	4.21	3.30	8
9	11.5	5.08	5.23	5.34	19.6	21.8	11.2	2.24	0.920E	6.57	3.10	3.01	9
10	10.7	4.25	5.37	5.14	20.0	20.8	11.3	2.04	0.950E	5.12	2.78	4.01	10
11	9.33	2.80B	5.50	4.99	20.0	19.7	13.6	1.90E	0.920E	4.26	3.67	3.80	11
12	9.26	3.50B	5.61	4.75	20.3	18.5	11.8	1.80E	0.960E	3.57	16.3	2.94	12
13	8.54	5.00B	5.75	4.50	23.1	19.8	11.4	1.65E	0.930E	3.21	11.4	2.75 B	13
14	7.91	5.80B	6.11	4.48	24.0	19.8	11.7	1.58E	0.890E	2.98	9.23	2.60 B	14
15	6.10	6.10B	6.31	4.97	26.7	19.7	11.8	1.52E	0.840E	3.00	8.96	2.80 B	15
16	5.86	6.40B	6.65	6.42	24.3	20.0	11.3	1.45E	0.805E	3.41	8.20	3.10 B	16
17	6.30	8.00B	6.44	6.63	24.9	19.3	10.6	1.40E	0.860E	3.72	6.95	2.90 B	17
18	8.90	9.50A	6.24	6.90	27.8	18.0	10.1	1.35E	0.905E	3.57	6.12	2.80 B	18
19	8.41	12.1	6.04	7.78	37.1	18.7	11.2	1.32A	0.910E	3.49	5.43	4.00 B	19
20	7.49	11.9	5.8.	10.4	41.4	20.7	10.4	1.23E	0.850E	3.36	5.01	4.10 B	20
21	7.09	9.65	5.89	10.2	44.2	19.1	9.60	1.21E	0.840E	2.88	4.86	3.25 B	21
22	9.46	8.71	5.94	10.6	39.1	18.3	8.94	1.20E	0.880E	2.57	4.96	2.85 B	22
23	11.0	8.76	5.97	17.8	36.7	19.3	9.97	1.20E	0.780E	2.50	4.61	2.60 B	23
24	10.9	8.42	5.79	32.0	42.1	18.3	13.5	1.20E	0.733	2.39	4.15	2.50 B	24
25	10.0	7.99	5.83	24.1	53.3	19.0	10.9	1.15E	0.843	2.40	3.55	1.80 B	25
26	9.08	7.53	6.13	19.7	44.3	21.1	9.28	1.11E	0.944	2.54	3.86	1.80 B	26
27	8.08	7.07	6.05	18.1	37.0	22.4	8.49	1.07E	0.986	3.39	2.76	1.90 B	27
28	8.34	6.76	6.16	18.0	34.7	21.3	7.74	1.00E	1.94	5.80	2.20	2.00 B	28
29	7.98		6.65	21.7	36.5	20.1	6.66	1.15E	3.04	5.99	3.42	2.40 B	29
30	7.51		6.61	27.3	41.6	21.5	5.81	1.25E	1.99	4.80	3.80	1.60 B	30
31	6.83		6.34		37.5		5.09	1.21E		6.65		0.900B	31
TOTAL	325.31	183.19	185.78	318.19	962.5	677.0	363.08	58.68	31.676	129.25	185.09	92.140	TOTAL
MEAN	10.5	6.54	5.99	10.6	31.0	22.6	11.7	1.89	1.06	4.17	6.17	2.97	MEAN
MAX	21.9	12.1	6.65	32.0	53.3	34.4	19.6	4.58	3.04	10.3	16.3	4.79	MAX
MIN	5.46	2.80	5.23	4.48	18.1	18.0	5.09	1.00	0.733	1.46	2.20	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.62
MAXIMUM DAILY, 53.3 ON MAY 25
MINIMUM DAILY, 0.733 ON SEP 24
MAXIMUM INSTANTANEOUS,
54.7 AT 20:10 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 12 N
LONG 121 01 42 W
DRAINAGE AREA, 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 100	JUL	31 400
FEB	15 800	AUG	5 070
MAR	16 100	SEP	2 740
APR	27 500	OCT	11 200
MAY	83 200	NOV	16 000
JUN	58 500	DEC	7 960

TOTAL DISCHARGE, 304 000 dam³

SPLIT CREEK AT THE MOUTH - STATION NO. 08HB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.314	0.283B	0.354E	0.306	1.28	4.22	4.98	6.34	1.97	1.23	1.06	0.839	1
2	0.314	0.283B	0.354E	0.269	1.36	4.76	5.18	5.58	2.03	1.33	1.08	0.862	2
3	0.354B	0.280B	0.354E	0.261	1.32	7.53	5.66	5.04	1.84	1.30	1.05	0.720	3
4	0.360B	0.278B	0.323E	0.269	1.29	6.65	7.16	4.42	1.87	1.24	1.05	0.768	4
5	0.379B	0.275B	0.320E	0.275	1.21	5.72	8.47	3.96	2.03	1.21	0.961	0.829	5
6	0.399B	0.272B	0.300E	0.272	1.16	5.13	8.89	3.88	1.97	1.19	0.887	0.883	6
7	0.343	0.269B	0.278E	0.272	1.12	4.81	7.87	3.94	1.84	1.23	0.968	0.809	7
8	0.354	0.269B	0.314E	0.272	1.13	4.02	6.17	4.11	1.79	1.22	1.02	0.808	8
9	0.360	0.266B	0.261E	0.297	1.23	3.20	4.96	3.85	1.76	1.19	0.946	0.750	9
10	0.331	0.286B	0.269E	0.300	1.31	2.77	4.05	3.74	1.71	1.18	0.848	0.839	10
11	0.345	0.453B	0.280E	0.300	1.31	2.58	4.08	3.51	1.67	1.16	0.959	0.725	11
12	0.337	0.473E	0.309E	0.292	1.41	2.36	4.22	3.51	1.59	1.15	0.995	0.547B	12
13	0.326	0.496E	0.303E	0.286	1.51	2.46	4.50	3.60	1.53	1.14	0.977	0.402B	13
14	0.391B	0.524E	0.309E	0.283	1.66	2.38	8.07	3.45	1.49	1.13	0.975	0.422B	14
15	0.382B	0.549E	0.294E	0.320	1.80	2.27	7.48	3.14	1.42	1.15	0.975	0.439B	15
16	0.379B	0.530E	0.300E	0.323	1.91	2.39	6.99	3.09	1.44	1.15	0.965	0.464B	16
17	0.382B	0.510E	0.309E	0.357	2.06	2.38	6.77	3.14	1.42	1.17	0.956	0.484B	17
18	0.391B	0.490E	0.309E	0.382	2.61	2.27	6.91	3.03	1.48	1.14	0.984	0.532B	18
19	0.317	0.473E	0.303E	0.453	3.26	2.26	7.45	2.80	1.89	1.16	1.02	0.535B	19
20	0.311	0.453E	0.303E	0.453	3.99	2.25	6.65	2.76	1.93	1.19	0.972	0.538B	20
21	0.297	0.433E	0.258E	0.479	4.22	2.14	7.73	2.65	1.65	1.09	0.960	0.538B	21
22	0.331	0.419E	0.303E	0.513	5.72	2.12	8.38	2.43	1.59	1.08	0.968	0.532B	22
23	0.303	0.405E	0.294E	0.580	6.37	2.10	7.11	2.33	1.51	1.06	0.916	0.524B	23
24	0.278	0.391E	0.294E	0.779	6.51	2.05	6.34	2.36	1.52	1.07	0.868	0.524B	24
25	0.303	0.379E	0.294E	0.705	6.65	2.12	5.89	2.34	1.43	1.05	0.849	0.532B	25
26	0.289	0.362E	0.263E	0.671	5.49	2.11A	5.24	2.32	1.40	1.09	0.808	0.538B	26
27	0.258	0.354E	0.280E	0.657	3.26	2.12E	5.13	2.29	1.30	1.11	0.771	0.510B	27
28	0.252	0.365E	0.292E	0.691	2.75	2.12E	5.24	2.11	1.33	1.08	0.739	0.467B	28
29	0.263		0.306E	0.716	2.89	2.97E	5.78	1.98	1.33	1.07	0.753	0.430B	29
30	0.255		0.328E	0.886	3.00	3.88A	7.96	1.95	1.25	1.08	0.795	0.394B	30
31	0.244		0.351A		4.16		7.39	1.78		1.08		0.362B	31
TOTAL	10.142	10.820	9.409	12.919	84.95	96.14	198.70	101.43	48.98	35.72	28.075	18.542	TOTAL
MEAN	0.327	0.386	0.304	0.431	2.74	3.20	6.41	3.27	1.63	1.15	0.936	0.598	MEAN
MAX	0.399	0.549	0.354	0.886	6.65	7.53	8.89	6.34	2.03	1.33	1.08	0.883	MAX
MIN	0.244	0.266	0.258	0.261	1.12	2.05	4.05	1.78	1.25	1.05	0.739	0.362	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 8.89 ON JUL 6
MINIMUM DAILY, 0.244 ON JAN 31
MAXIMUM INSTANTANEOUS,
9.15 AT 00:20 NST ON JUL 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 35 N
LONG 116 53 51 W
DRAINAGE AREA, 81.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	876	JUL	17 200
FEB	935	AUG	8 760
MAR	813	SEP	4 230
APR	1 120	OCT	3 090
MAY	7 340	NOV	2 430
JUN	8 310	DEC	1 600

TOTAL DISCHARGE, 56 700 dam³

SPROAT LAKE NEAR ALBERNI - STATION NO. 08HB015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.286	2.112	2.298	1.812	2.000	1.486	1.524	1.292	1.210	2.012	3.518	2.296	1
2	3.118	2.018	2.200	1.802	2.015	1.469	1.513	1.287	1.214	2.022	3.456	2.350	2
3	2.954	1.960	2.184	1.792	2.022	1.485	1.496	1.278	1.210	2.016	3.304	2.330	3
4	2.776	1.898	2.080	1.774	2.002	1.496	1.480	1.274	1.209	1.954	3.118	2.286	4
5	2.642	1.836	2.011	1.877	1.998	1.525	1.472	1.268	1.199	1.954	2.950	2.926	5
6	2.456	1.777	1.934	1.872	1.932	1.540	1.455	1.266	1.200	2.182	2.812	2.954	6
7	2.278	1.754	1.886	1.857	1.913	1.564	1.446	1.264	1.200	2.252	2.686	2.886	7
8	2.300	1.689	1.838	1.834	1.876	1.551	1.434	1.260	1.192	2.482	2.556	2.724	8
9	2.296	1.654	1.823	1.816	1.832	1.542	1.426	1.254	1.189	2.472	2.464	2.718	9
10	2.284	1.612	1.889	1.824	1.782	1.540	1.430	1.246	1.192	2.408	2.368	2.690	10
11	2.218	1.565	1.732	1.830	1.766	1.534	1.438	1.242	1.185	2.330	2.850	2.622	11
12	2.154	1.545	1.718	1.798	1.730	1.526	1.432	1.234	1.182	2.224	3.010	2.542	12
13	2.056	1.566	1.665	1.786	1.715	1.510	1.427	1.230	1.170	2.144	2.960	2.444	13
14	2.012	1.766	1.632	1.761	1.698	1.502	1.416	1.226	1.168	2.082	2.950	2.360	14
15	1.946	1.812	1.624	1.758	1.666	1.496	1.408	1.221	1.164	2.008	2.974	2.306	15
16	1.881	2.538	1.600	1.736	1.645	1.482	1.403	1.217	1.154	1.946	2.940	2.228	16
17	1.852	2.754	1.570	1.838	1.632	1.465	1.396	1.212	1.160	1.872	2.852	2.150	17
18	2.068	2.985	1.550	1.834	1.616	1.476	1.392	1.204	1.164	1.838	2.750	2.303	18
19	2.436	3.126	1.528	1.818	1.610	1.531	1.386	1.196	1.186	1.756	2.746	2.702	19
20	2.628	3.264	1.498	1.798	1.604	1.544	1.378	1.192	1.200	1.722	2.780	2.696	20
21	2.958	3.086	1.486	1.788	1.596	1.548	1.370	1.189	1.489	1.674	2.980	2.613	21
22	3.154	2.989	1.488	1.808	1.574	1.566	1.361	1.182	1.534	1.588	3.038	2.526	22
23	3.046	2.865	1.516	2.008	1.562	1.590	1.348	1.178	1.542	1.556	3.000	2.424	23
24	2.892	2.789	1.534	2.002	1.566	1.590	1.339	1.174	1.534	1.526	2.790	2.351	24
25	2.766	2.719	1.588	2.078	1.576	1.582	1.332	1.175	1.498	1.494	2.774	2.262	25
26	2.643	2.586	1.602	2.052	1.568	1.570	1.334	1.174	1.486	1.636	2.634	2.252	26
27	2.580	2.489	1.598	2.032	1.546	1.562	1.329	1.173	1.528	1.850	2.536	2.128	27
28	2.479	2.388	1.600	2.034	1.534	1.550	1.316	1.182	1.586	1.868	2.464	2.060	28
29	2.406		1.662	2.022	1.525	1.542	1.308	1.193	1.642	1.886	2.390	1.999	29
30	2.328		1.722	2.014	1.516	1.528	1.300	1.190	1.826	1.944	2.282	1.940	30
31	2.182		1.784		1.497		1.298	1.189		2.944		1.910	31
MEAN	2.486	2.255	1.737	1.871	1.713	1.530	1.400	1.221	1.314	1.988	2.831	2.419	MEAN
MAX	3.286	3.264	2.298	2.082	2.022	1.590	1.524	1.292	1.826	2.944	3.518	2.954	MAX
MIN	1.852	1.545	1.486	1.736	1.497	1.465	1.298	1.173	1.154	1.494	2.282	1.910	MIN

WATER LEVELS IN METRES

MEAN, 1.894
MAXIMUM DAILY, 3.518 ON NOV 1
MINIMUM DAILY, 1.154 ON SEP 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 05 N
LONG 124 55 00 W

REGULATED SINCE 1956

SPROAT RIVER NEAR ALBERNI - STATION NO. 08HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	149	53.8	64.8	34.1	44.6	14.4	15.8	4.78	4.36	48.6	162	64.7	1
2	124	49.0	60.2	34.0	45.7	14.1	14.9	4.53	4.47	49.3	157	69.1	2
3	109	45.3	55.5	32.7E	45.7	13.8	14.3	4.75	4.39	47.6	143	66.2	3
4	95.8	42.4	51.3	31.4	44.5	13.9	13.7	4.64	4.25	44.9	129	68.1	4
5	87.5	39.3	47.6	36.6	42.2	16.4	13.0	4.50	4.11	45.8	116	110	5
6	78.6	36.6	44.4	37.2	39.7	18.4	12.6	4.39	4.05	59.7	101	107	6
7	73.0	34.4	41.9	36.4	38.3	18.3	12.3	4.33	4.08	69.8	91.6	102	7
8	65.3	31.5	39.3	35.9	36.4	18.1	11.0	4.22	3.94	77.6	82.2	95.4	8
9	66.9	29.5	37.3	34.6	34.6	17.4	11.2	4.13	3.83	76.0	74.6	91.8	9
10	63.4	27.0	35.7	33.3	33.2	16.9	11.4	4.05	3.66	72.0	68.1	90.6	10
11	60.1	25.4	34.3	34.1	30.7	16.4	11.6	3.87	3.46	66.9	112	85.3	11
12	55.4	23.1	32.1	33.2	29.1	15.9	11.5	2.64	3.38	62.1	117	79.5	12
13	45.1	25.1	30.5	32.5	27.3	15.5	11.2	2.85	3.24	56.5	113	73.9	13
14	45.9	38.7	28.7	30.8	26.7	13.9	10.7	2.64	3.13	51.7	111	70.0	14
15	44.5	58.1	27.9	30.1	25.6	13.7	10.4	2.64	3.10	48.2	113	66.0	15
16	42.1	70.8	26.6	32.6	23.9	13.2	9.86	2.64	3.10	41.9	111	62.2	16
17	40.7	96.1	25.5	35.5	22.9	12.7	9.64	2.64	2.79	39.4	103	51.8	17
18	45.2	116	24.0	35.0	21.9	14.5	9.64	2.64	3.21	38.4	96.1	44.5	18
19	78.1	141	23.2	38.5	21.6	16.4	8.44	2.49	3.63	36.9	95.3	87.8	19
20	87.5	132	21.1	33.5	21.4	17.1	8.47	2.39	3.80	33.2	97.1	92.2	20
21	121	127	18.6	31.8	20.1	17.8	8.29	2.27	12.1	31.2	103	87.6	21
22	129	118	16.4	33.6	18.8	19.2	8.10	2.12	22.7	27.3	118	80.6	22
23	119	104	15.6	43.5	17.9	20.4	7.84	2.06	22.7	26.1	116	75.3	23
24	108	97.3	16.0	49.3	18.6	20.1	7.03	2.01	22.4	24.0	106	70.7	24
25	97.3	89.1	20.1	48.2	18.9	19.8	6.66	2.04	21.1	22.1	96.1	68.1	25
26	89.0	81.9	21.1	46.9	18.2	19.2	6.40	1.96	20.4	20.4	96.3	60.4	26
27	82.2	76.0	20.9	45.3	17.0	18.0	5.44	2.01	22.1	29.8	80.4	56.3	27
28	75.4	69.8	22.8	46.4	16.4	17.5	5.23	1.84	27.9	41.2	73.9	52.7	28
29	69.5		25.6	45.5	15.7	17.2	5.44	3.97	28.6	41.9	69.2	48.7	29
30	64.3		26.4	44.4	14.9	16.5	5.17	3.94	33.6	44.1	65.4	44.6	30
31	60.1		32.7		14.8		4.89	3.91		131		43.8	31
TOTAL	2 471.9	1 874.2	988.1	1 112.9	847.3	496.3	302.14	99.09	307.58	1 500.6	3 115.3	2 266.9	TOTAL
MEAN	79.7	66.9	31.9	37.1	27.3	16.5	9.75	3.20	10.3	48.4	104	73.1	MEAN
MAX	149	141	64.8	49.3	45.7	20.4	15.8	4.78	33.6	131	162	110	MAX
MIN	40.7	23.1	15.6	30.1	14.8	12.7	4.89	1.84	2.79	20.4	65.4	43.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.1
MAXIMUM DAILY, 162 ON NOV 1
MINIMUM DAILY, 1.84 ON AUG 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 23 N
LONG 124 54 37 W
DRAINAGE AREA, 347 km²

E - ESTIMATED
REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	214 000	JUL	26 100
FEB	162 000	AUG	8 560
MAR	85 400	SEP	26 600
APR	96 200	OCT	130 000
MAY	73 200	NOV	269 000
JUN	42 900	DEC	196 000

TOTAL DISCHARGE, 1 330 000 dam³

SQUAMISH RIVER NEAR BRACKENDALE - STATION NO. 08GA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	209 E	129	91.6E	98.8E	394	417	375	406	564	635	2 110	126	1
2	188 A	123 A	85.6E	86.8E	256	415	367	407	388	385	998	136	2
3	173	---	90.4E	84.4E	213	469	479	395	300	237	458	96.6E	3
4	162	---	97.6E	77.2E	201	476	586	381	281	188	316	78.0E	4
5	155	---	112	105 A	175	423	586	368	248	158	224	243	5
6	149	---	109	---	166	474	505	395	250	356	184	199	6
7	146	---	108	---	178	329	352	534	322	662	158	154	7
8	138	---	---	---	183	285	315	610	383	409	141	95.1E	8
9	126	---	---	---	192	307	300	615	394	303	130	101 E	9
10	98.8E	---	---	---	192	346	332	635	361	217	122	126	10
11	82.0E	---	---	---	195	309	374	632	276	178	663	107	11
12	94.0E	---	---	---	194	260	395	615	261	158	658	87.5E	12
13	91.6E	---	---	---	213	243	405	602	229	147	316	74.4E	13
14	96.4E	137	---	---	228	273	415	606	198	152	306	101 E	14
15	99.4A	180	---	---	241	309	445	589	225	160	351	82.1E	15
16	84.4E	223	---	101 E	219	322	528	562	300	159	264	64.8E	16
17	64.0E	294	---	101 E	220	288	568	536	348	160	214	79.5E	17
18	95.8E	246	---	111 A	229	267	547	533	376	158	184	75.2E	18
19	280	260	---	105 E	343	304	522	494	443	162	171	176	19
20	366	225	---	124	392	345	518	413	278	146	177	186	20
21	498	161	---	121	425	311	486	333	300	127 A	228	123	21
22	720	138	---	176	373	294	455	337	251	92.8E	225	90.2E	22
23	441	127	---	553	350	325	502	382	185	95.2A	194	84.8E	23
24	268	133	---	635	523	286	541	436	168	86.8A	165	69.6E	24
25	209	124	---	319	753	310	559	369	136	99.0A	149	---	25
26	182	114	---	225	535	361	590	299	129	117	139	---	26
27	166	106	---	196	408	363	640	270	147A	303	131	---	27
28	155	98.8E	94.0E	199	376	340	628	233	238	693	124	---	28
29	147		92.8E	224	439	334	560	261	207	287	123	---	29
30	140		82.0E	278	648	432	466	272	192	209	121	---	30
31	135		113		527		417	277		1 240		---	31
TOTAL	5 959.4	---	---	---	9 981	10 207	14 758	13 797	8 370	8 479.8	9 744	---	TOTAL
MEAN	192	---	---	---	322	340	476	445	279	274	325	---	MEAN
MAX	720	---	---	---	753	476	640	635	564	1 240	2 110	---	MAX
MIN	64.0	---	---	---	166	243	300	233	129	86.8	121	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2 110 ON NOV 1

MAXIMUM INSTANTANEOUS,
2 270 AT 10:50 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 123 12 00 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	515 000	JUL	1 280 000
FEB	---	AUG	1 190 000
MAR	---	SEP	723 000
APR	---	OCT	733 000
MAY	862 000	NOV	842 000
JUN	882 000	DEC	---

ST. MARY RIVER AT WYCLIFFE - STATION NO. 08NG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.2	13.9	12.3	20.2	108	285	253	86.1	24.8	19.4	21.1	12.9	1
2	30.8	13.3	12.0	19.8	178	240	240	79.1	29.8	26.6	20.5	13.6	2
3	26.5	12.9	12.0	19.2	153	237	203	76.1	29.8	40.7	20.0	13.0	3
4	23.6	12.0	12.2	18.4	122	251	226	73.4	27.4	34.4	19.7	12.4	4
5	22.7	11.2 B	12.3	18.4	103	242	260	70.3	26.4	28.9	18.9	13.3	5
6	23.3	11.2 B	11.9	18.1	89.2	226	266	66.8	25.2	26.0	18.1	13.8	6
7	24.1	10.9 B	11.3	17.1	79.9	229	273	65.9	23.6	26.7	17.3	13.8	7
8	23.8	10.1 B	11.5	16.6	72.8	197	224	66.3	22.0	28.9	17.1	13.1	8
9	23.0	9.40B	11.8	16.3	69.1	172	166	65.9	21.2	30.4	16.7	12.6	9
10	22.2	8.86B	11.1	16.0	68.3	158	137	61.9	20.3	28.8	16.3	13.4	10
11	20.3	9.20B	11.2	15.8	73.5	148	125	58.7	19.6	26.5	15.8	13.2	11
12	17.6	9.49B	11.6	15.8	76.0	136	127	56.0	19.0	24.8	16.6 A	11.1 B	12
13	16.3	9.83B	12.0	15.3	76.2	147	145	54.0	18.0	23.4	17.7	9.20B	13
14	15.6	13.6	12.7	14.8	79.8	148	180	52.4	17.2	21.9	18.7	9.43B	14
15	14.7	13.4	13.6	14.9	121	152	163	49.7	16.3	20.9	18.4	9.66B	15
16	13.6B	13.5	14.8	16.2	176	173	152	47.4	15.7	20.4	18.1	9.63B	16
17	13.0B	14.1	15.8	18.1	159	192	150	46.2	15.1	20.2	17.8	10.2 B	17
18	14.6B	14.8	16.3	19.7	144	169	154	43.6	14.9	19.8	17.3	10.6 B	18
19	16.1B	15.9	16.1	22.4	166	150	156	40.9	15.3	19.6	16.8	11.0 B	19
20	18.2	16.7	15.8	26.4	215	150	152	41.0	16.7	19.3	16.5	11.4 B	20
21	17.5	15.9	16.1	32.1	253	146	139	44.4	18.2	18.8	16.3	11.8 B	21
22	17.2	15.6	16.6	36.7	284	137	135	40.3	18.8	18.0	16.5	9.20B	22
23	17.5	15.2	16.7	41.0	306	136	134	36.1	18.5	17.3	16.3	8.35B	23
24	18.8	14.8	16.7	62.3	318	136	129	33.0	17.7	16.8	15.5	9.12B	24
25	18.8	14.5	17.0	84.2	344	135	141	31.7	17.0	16.8	13.2	10.1 B	25
26	17.9	13.9	17.1	77.5	388	160	136	30.9	16.3	17.1	11.5	9.83B	26
27	16.8	13.1	17.1	69.2	360	202	120	29.8	15.7	18.4	10.9	9.83B	27
28	16.4	12.6	17.5	65.6	307	194	128	28.2	15.8	21.0	9.61	9.37B	28
29	16.4		18.4	66.3	283	174	130	26.3	17.7	23.5	9.78	8.92B	29
30	15.7		19.6	70.0	283	188	114	25.5	19.7	23.6	12.1	8.41B	30
31	14.8		20.0		307		97.7	25.2		22.3		7.99B	31
TOTAL	603.0	359.88	451.1	964.4	5 762.8	5 410	5 155.7	1 553.1	593.7	721.2	491.09	340.24	TOTAL
MEAN	19.5	12.9	14.6	32.1	186	180	166	50.1	19.8	23.3	16.4	11.0	MEAN
MAX	35.2	16.7	20.0	84.2	388	285	273	86.1	29.8	40.7	21.1	13.8	MAX
MIN	13.0	8.86	11.1	14.8	68.3	135	97.7	25.2	14.9	16.8	9.61	7.99	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.4
MAXIMUM DAILY, 388 ON MAY 26
MINIMUM DAILY, 7.99B ON DEC 31
MAXIMUM INSTANTANEOUS,
396 AT 19:45 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 01 N
LONG 115 51 46 W
DRAINAGE AREA, 2 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 100	JUL	445 000
FEB	31 100	AUG	134 000
MAR	39 000	SEP	51 300
APR	83 300	OCT	62 300
MAY	498 000	NOV	42 400
JUN	467 000	DEC	29 400

TOTAL DISCHARGE, 1 930 000 dam³

ST. MARY RIVER BELOW MORRIS CREEK - STATION NO. 08NG077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.78B	1.73 B	1.11 B	2.46	23.3	29.4	37.9	11.4	5.21	3.32	3.62	1.73B	1
2	5.10B	1.64 B	1.04 B	2.33	19.8	28.1	27.1	11.1	5.18	11.0	3.56	1.84B	2
3	4.47B	1.55 B	1.04 B	2.32	14.1	32.3	28.9	10.7	3.71A	5.73	3.44	1.76B	3
4	3.96B	1.45 B	1.04 B	2.14	11.8	35.7	37.4	10.6	3.57	4.38	3.26	1.67B	4
5	3.71B	1.38 B	1.04 B	2.14	10.7	27.8	39.6	10.0	3.83	3.89	3.05	1.76B	5
6	3.91B	1.38 B	1.02 B	2.05	9.80	30.9	41.3	10.1	3.19	3.93	2.95	1.87B	6
7	4.05B	1.38 B	0.977B	1.93	8.89	27.0	36.0	10.0	2.92	5.04	3.15	1.87B	7
8	3.85B	1.21 B	0.991B	1.88	8.27	21.9	22.9	9.83	2.80	5.71	2.85	1.78B	8
9	3.68B	1.08 B	1.00 B	1.89	8.35	19.8	17.4	9.26	2.70	5.01	2.63	1.70B	9
10	3.34B	0.977B	0.949B	1.77	8.50	18.7	15.4	8.47	2.63	4.47	2.54	1.81B	10
11	2.86B	1.02 B	0.937B	1.66	9.94	17.1	16.3	8.04	2.38	4.09	2.58	1.78B	11
12	2.52B	1.06 B	0.974B	1.69	10.0	15.7	18.3	7.70	2.24	3.80	3.25	1.47B	12
13	2.32B	1.10 B	1.01 B	1.66	10.5	17.4	26.3	7.50	2.11	3.53	3.33	1.25B	13
14	2.15B	1.47 B	1.06 B	1.67	12.5	16.9	25.9	7.08	1.96	3.46	3.00	1.27B	14
15	2.01B	1.46 B	1.17 B	1.90	18.8	20.1	21.0	6.46	1.95	3.42	2.92	1.30B	15
16	1.87B	1.45 B	1.26 B	2.53	16.6	27.4	22.5	6.34	1.95	3.45	2.88	1.30B	16
17	1.76B	1.50 B	1.35 B	2.63	16.2	23.1	21.8	5.89	1.96	3.44	2.70	1.36B	17
18	1.93B	1.56 B	1.38 B	3.03	19.6	18.6	23.7	5.41	2.10	3.28	2.63	1.45B	18
19	2.12B	1.62 B	1.42 B	3.62	27.4	18.1	21.9	5.21	2.62	3.30	2.57	1.50B	19
20	2.29B	1.68 B	1.44 B	4.28	33.7	18.3	20.5	8.58	2.92	3.08	2.57	1.53B	20
21	2.25B	1.61 B	1.64 B	5.01	37.9	17.3	19.2	5.89	2.91	2.67	2.52	1.59B	21
22	2.20B	1.54 B	1.85	5.13	43.6	16.7	20.0	4.64	3.17	2.71	2.46	1.30B	22
23	2.21B	1.48 B	1.95	7.84	43.0	18.0	18.9	4.45	2.93	2.75	2.37	1.13B	23
24	2.38B	1.43 B	1.98	12.8	46.4	16.8	17.7	4.36	2.74	2.65	2.12	1.60B	24
25	2.38B	1.37 B	1.98	10.7	47.6	20.3	21.6	4.42	2.46	2.70	1.81B	1.36B	25
26	2.27B	1.31 B	2.11	8.81	49.0	26.8	16.3	4.33	2.32	3.56	1.56B	1.32B	26
27	2.15B	1.23 B	2.15	8.13	37.7	28.6	18.3	3.91	2.14	4.34	1.45B	1.33B	27
28	2.07B	1.17 B	2.24	8.50	34.5	23.5	21.6	3.45	3.16	4.82	1.31B	1.27B	28
29	2.09B		2.44	8.33	34.0	22.9	17.0	3.14	4.14	4.74	1.34B	1.20B	29
30	1.95B		2.65	10.4	35.7	30.9	14.1	3.45	3.40	4.01	1.64B	1.13B	30
31	1.85B		2.53		40.2		12.3	3.09		3.66		1.08B	31
TOTAL	87.48	38.837	45.728	131.23	748.35	686.1	719.1	214.80	87.30	125.94	78.06	46.31	TOTAL
MEAN	2.82	1.39	1.48	4.37	24.1	22.9	23.2	6.93	2.91	4.06	2.60	1.49	MEAN
MAX	5.78	1.73	2.65	12.8	49.0	35.7	41.3	11.4	5.21	11.0	3.62	1.87	MAX
MIN	1.76	0.977	0.937	1.66	8.27	15.7	12.3	3.09	1.95	2.65	1.31	1.08	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.24
MAXIMUM DAILY, 49.0 ON MAY 26
MINIMUM DAILY, 0.937B ON MAR 11
MAXIMUM INSTANTANEOUS,
56.4 AT 23:25 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 30 N
LONG 116 27 00 W
DRAINAGE AREA, 206 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 560	JUL	62 100
FEB	3 360	AUG	18 600
MAR	3 950	SEP	7 540
APR	11 300	OCT	10 900
MAY	64 700	NOV	6 740
JUN	59 300	DEC	4 000

TOTAL DISCHARGE, 260 000 dam³

ST. MARY RIVER NEAR MARYSVILLE - STATION NO. 08NG046

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.1	10.9 E	9.66E	15.4	81.8	212	212	69.1	21.6	17.1	17.9	11.0 E	1
2	23.7	10.4 E	9.34E	15.2	134	176	191	63.4	26.6	24.5	17.4	11.8 E	2
3	20.6	9.83E	9.40E	14.8	111	174	159	61.2	25.7	35.1	17.1	11.2 E	3
4	18.3	9.32E	9.49E	14.4	84.4	189	186	58.9	23.2	29.1	16.7	10.8 E	4
5	17.6	9.17E	9.57E	14.1	72.5	178	220	57.2	22.7	24.6	16.2	11.5 E	5
6	18.4	9.20E	9.32E	13.9	62.6	164	226	54.9	22.0	22.2	15.8	12.2 E	6
7	19.2	9.26E	8.86E	13.4	54.9	168	232	54.9	20.3	22.7	15.1	11.9 A	7
8	18.7	8.21E	9.00E	12.7	51.3	144	182	54.7	19.2A	25.2	14.8	11.3	8
9	18.3	7.56E	9.15E	12.6	49.0	126	133	54.7	18.7	26.1	14.6	11.2	9
10	17.5	6.99E	8.64	12.5	47.9	116	110	51.8	18.1	24.5	14.1	11.7	10
11	15.6	7.19E	8.50	12.6	50.4	108	101	49.6	17.4	22.6	13.7	11.8	11
12	13.3	7.45E	8.78	12.3	52.7	98.8	104	47.6	16.7	21.3	14.0	10.7 A	12
13	12.9	7.93E	9.17	11.8	52.8	104	122	45.9	16.0	19.8	15.2	8.27E	13
14	12.2E	10.6 E	9.63	11.3	54.9	107	153	44.5	15.4	18.9	15.7	8.47E	14
15	11.6E	10.4 E	10.5	11.4	77.6	111	135	42.2	14.8	18.2	15.7	8.67E	15
16	10.9E	10.4 E	11.4	12.4	119	129	126	40.2	14.2	17.6	15.2	8.64E	16
17	10.3E	11.0 E	12.2	14.0	108	144	125	38.8	14.0	17.4	14.6	8.98E	17
18	11.4E	11.7 E	12.4	15.2	102	126	130	36.8	13.8	17.4	14.5	9.37E	18
19	12.8E	12.4 E	12.3	16.9	124	111	133	34.8	14.2	17.1	14.1	9.77E	19
20	14.4E	13.0 E	12.0	19.9	159	109	128	36.0	15.5	16.9	13.8	10.2 E	20
21	14.0E	12.5 E	12.1	23.4	187	108	117	38.2	16.2	16.2	13.6	10.6 E	21
22	13.7E	12.1 E	12.4	26.4	213	99.7	115	34.5	16.6	15.6	13.7	8.92E	22
23	13.8E	11.8 E	12.4	29.7	230	102	114	30.6	16.6	15.1	13.6	7.50E	23
24	14.9E	11.6 E	12.4	47.3	234	102	108	28.9	16.0	14.8	13.3	9.37A	24
25	14.8E	11.2 E	12.5	61.4	259	101	120	27.8	15.2	14.7	11.3 E	9.06E	25
26	14.2E	11.0 E	12.9	56.4	309	124	113	27.0	14.6	15.0	9.85E	8.92E	26
27	13.3E	10.4 E	13.1	50.4	282	157	99.4	25.8	14.1	16.3	9.15E	8.78E	27
28	13.0E	9.80E	13.7	47.9	229	148	112	24.4	14.2	18.3	8.33E	8.61E	28
29	13.0E		14.0	48.1	209	134	111	22.7	16.4	19.8	8.50E	8.50A	29
30	12.2E		14.5	49.8	211	146	95.7	22.2	17.9	19.9	10.5 E	8.50E	30
31	11.6E		14.7		236		79.6	21.9		18.7		8.50E	31
TOTAL	473.3	283.31	344.01	717.6	4 248.4	4 016.5	4 292.7	1 301.2	527.9	622.7	418.03	306.73	TOTAL
MEAN	15.3	10.1	11.1	23.9	137	134	138	42.0	17.6	20.1	13.9	9.89	MEAN
MAX	27.1	13.0	14.7	61.4	309	212	232	69.1	26.6	35.1	17.9	12.2	MAX
MIN	10.3	6.99	8.50	11.3	47.9	98.8	79.6	21.9	13.8	14.7	8.33	7.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.1
MAXIMUM DAILY, 309 ON MAY 26
MINIMUM DAILY, 6.99E ON FEB 10
MAXIMUM INSTANTANEOUS,
320 AT 14:20 MST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 29 N
LONG 116 10 07 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 900	JUL	371 000
FEB	24 500	AUG	112 000
MAR	29 700	SEP	45 600
APR	62 000	OCT	53 800
MAY	367 000	NOV	36 100
JUN	347 000	DEC	26 500

TOTAL DISCHARGE, 1 520 000 dam³

STANP RIVER NEAR GREAT CENTRAL - STATION NO. 08HB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	184	59.1	73.5	37.4	66.0	38.1	32.9	23.1	23.1	112	246	81.1A	1
2	156	50.0	54.2	29.7	69.8	37.7	32.5	22.1	23.3	126	237	84.1	2
3	139 A	41.6	39.1	26.7	70.8	38.7	32.3	21.3	22.8	117	217	81.4	3
4	117 E	35.5	38.8	28.0	70.0	39.8	32.0	20.6	22.5	101	198	83.8	4
5	98.0E	27.2	37.6	35.1	67.1	43.1	31.7	19.8	22.4	83.2	162	113	5
6	90.0E	27.8	36.6	38.3	64.0	54.6	31.2	19.0	22.3	104	140	116	6
7	79.0E	29.0	36.7	38.9	60.6	62.7	30.2	23.4	21.9	131	126	112	7
8	71.0E	28.8	38.0	39.4	50.4	59.4	29.8	25.7	21.4	151	114	105	8
9	77.0E	30.8	37.6	33.5	43.5	55.8	28.9	24.5	21.2	153	100	103	9
10	73.0E	32.6	36.8	30.3	42.7	45.8	29.8	23.4	21.2	133	89.1	101	10
11	67.0E	31.3	36.4	33.0	37.2	36.0	31.0	22.4	21.1	119	122	95.4	11
12	62.0E	30.7	36.0	34.3	27.7	35.3	31.2	21.4	20.8	108	142	88.7	12
13	52.0E	32.5	35.2	30.3	26.5	35.2	30.7	20.6	20.3	99.5	141	82.8	13
14	48.0E	46.1	34.8	26.1	28.6	34.3	30.3	20.7	19.5	91.1	142	79.7	14
15	45.0E	70.1	35.3	27.4	29.4	32.2	29.8	21.2	21.3	83.5	147	76.7	15
16	42.0E	97.1	34.0	32.6	29.7	29.0	29.3	20.4	22.2	72.6	144	72.6	16
17	44.0E	127	31.8	36.0	30.5	26.5	28.9	19.8	20.7	64.0	137	68.6	17
18	72.0E	164	31.2	37.5	31.9	27.1	28.5	19.4	20.6	59.5	127	67.4	18
19	90.0E	194	30.9	38.1	34.1	28.9	27.2	18.7	20.7	55.4	125	92.7	19
20	127 A	203	30.1	34.7	37.6	30.0	25.6	23.4	20.1	51.6	128	102 A	20
21	171	193	30.0	32.2	50.8	31.2	24.4	26.3	38.2	48.2	143	94.5E	21
22	186	174	31.7	36.6	45.0	32.2	23.6	25.6	63.4	45.2	149	86.0E	22
23	193	158	32.1	64.0	34.9	34.0	22.1	25.0	66.3	41.6	145	79.0E	23
24	185	137	31.0	114	37.0	34.4	21.2	24.2	61.6	39.3	135	71.5E	24
25	165	121	31.4	110	38.9	33.6	20.8	24.0	53.7	37.4	123	66.0E	25
26	157	112	26.5	99.7	40.0	33.1	20.4	23.7	47.0	35.7	116 A	61.0E	26
27	148	93.6	24.6	65.8	39.8	33.0	20.1	23.4	45.9	43.3	107 E	57.0E	27
28	126	77.7	26.3	64.0	39.3	33.0	19.3	23.0	68.3	59.9	97.0E	52.5E	28
29	103		30.1	64.0	38.9	33.3	18.9	23.1	79.2	63.6	88.0E	49.5E	29
30	77.4		32.4	63.9	39.3	33.3	18.5	22.6	78.5	68.8	82.0E	47.0E	30
31	63.1		37.9		39.1		21.4	22.5		172		45.0E	31
TOTAL	3 307.5	2 424.5	1 098.6	1 381.5	1 361.1	1 121.3	834.5	694.3	1 031.5	2 670.4	4 165.1	2 516.0	TOTAL
MEAN	107	86.6	35.4	46.1	43.9	37.4	26.9	22.4	34.4	86.1	139	81.2	MEAN
MAX	193	203	73.5	114	70.8	62.7	32.9	26.3	79.2	172	246	116	MAX
MIN	42.0	27.2	24.6	26.1	26.5	26.5	18.5	18.7	19.5	35.7	82.0	45.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.9
MAXIMUM DAILY, 246 ON NOV 1
MINIMUM DAILY, 18.5 ON JUL 30
MAXIMUM INSTANTANEOUS,
249 AT 13:13 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 23 N
LONG 124 58 31 W
DRAINAGE AREA, 456 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	286 000	JUL	72 100
FEB	209 000	AUG	60 000
MAR	94 900	SEP	89 100
APR	119 000	OCT	231 000
MAY	118 000	NOV	360 000
JUN	96 900	DEC	217 000

TOTAL DISCHARGE, 1 950 000 dam³

STANAMUS RIVER BELOW RAY CREEK - STATION NO. 08GA064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	6.96	4.55	3.74	---	2.38	19.8	---	---	1
2	---	---	---	---	4.48	4.33	3.20	---	0.739	6.13	---	---	2
3	---	---	---	---	4.79	7.43	3.60	---	0.583	2.67	---	---	3
4	---	---	---	---	4.31	5.40	3.74	---	0.577	1.54	---	---	4
5	---	---	---	---	2.33	10.7	3.40	0.748	0.544	5.89	---	---	5
6	---	---	---	---	1.21	6.96	2.64	0.773	0.513	27.8	---	---	6
7	---	---	---	---	1.86	3.96	2.60	0.786	0.502	11.7	---	---	7
8	---	---	---	---	1.88	3.25	1.99	0.798	0.502	7.43	---	---	8
9	---	---	---	---	4.35	4.29	1.75	---	0.502	---	---	---	9
10	---	---	---	---	3.60	6.25	3.27	---	0.493	---	---	---	10
11	---	---	---	---	3.80	4.69	2.62	---	0.465	---	---	---	11
12	1.34 A	---	---	---	3.87	3.43	2.28	---	0.444	---	---	---	12
13	1.25	---	---	---	4.67	3.85	2.20	---	0.430	---	---	---	13
14	1.27	---	---	---	5.41	3.40	2.01	---	0.425	---	---	---	14
15	1.07	---	---	---	4.95	3.71	1.97	---	0.419	1.85	---	---	15
16	0.890	---	---	---	3.69	4.24	2.13	---	0.429	1.81	---	---	16
17	1.05	---	---	---	3.69	3.71	2.08	---	0.441	1.22	3.77A	---	17
18	7.40	---	---	---	5.11	5.05	1.95	---	0.458	0.891	---	---	18
19	6.60	---	---	---	7.03	5.15	1.84	---	0.498	0.795	---	---	19
20	5.33	---	---	---	6.55	4.82	1.73	---	0.740	0.658	---	---	20
21	15.4	---	---	---	6.17	4.14	1.58	---	10.7	0.550	---	---	21
22	---	---	---	---	4.70	6.28	1.45	0.460	5.23	0.488	---	---	22
23	---	---	---	---	4.94	5.19	1.50	0.454	1.99	0.453	---	---	23
24	---	---	---	9.80A	10.1	4.12	1.53	0.451	1.04	0.421	---	---	24
25	---	---	---	4.72	14.2	4.02	---	0.529	0.835	0.383	---	---	25
26	---	---	---	3.17	6.78	3.96	---	0.488	0.736	0.499	---	---	26
27	---	---	---	2.97	4.87	3.22	---	0.477	10.4	45.3	---	---	27
28	---	---	---	4.87	5.18	2.70	---	0.443	13.8	24.7	---	---	28
29	---		---	5.75	6.77	4.28	---	0.451	3.23	9.51	---	---	29
30	---		---	8.72	8.28	5.09	---	0.453	4.03	7.41	---	---	30
31	---		---		5.09		---	0.550		48.4		---	31
TOTAL	---	---	---	---	161.62	142.17	---	---	64.075	---	---	---	TOTAL
MEAN	---	---	---	---	5.21	4.74	---	---	2.14	---	---	---	MEAN
MAX	---	---	---	---	14.2	10.7	---	---	13.8	---	---	---	MAX
MIN	---	---	---	---	1.21	2.70	---	---	0.419	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 48.4 ON OCT 31

MAXIMUM INSTANTANEOUS,
83.4 AT 06:07 PST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 04 N
LONG 123 05 58 W
DRAINAGE AREA, 40.4 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	5 540
APR	---	OCT	---
MAY	14 000	NOV	---
JUN	12 300	DEC	---

STELLAKO RIVER AT GLENANNAN - STATION NO. 08JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.2E	11.6	9.95	8.36	12.0	61.5	46.4	28.5	16.6	9.73	7.12	7.60	1
2	12.4E	11.7	9.78	8.35	12.4	61.4	45.4	27.8	16.1	9.40	7.80	7.92	2
3	12.6E	12.3	10.2	8.60	13.2	61.8	44.6	27.4	15.6	9.25	7.88	6.91	3
4	12.9E	11.8	9.86	7.90	14.0	61.0	43.9	26.9	14.9	8.90	7.57	6.83	4
5	13.2E	11.3	9.36	8.85	14.5	60.6	43.6	26.3	14.4	8.17	7.40	7.40	5
6	13.5E	11.1	9.11	8.47	15.1	60.8	43.1	25.4	14.2	8.18	7.55	7.45	6
7	13.6E	11.3	9.01	8.09	16.1	60.7	42.6	24.7	14.2	8.27	7.52	7.21	7
8	13.7A	10.8	9.14	8.16	16.9	60.3	41.2	24.0	14.1	8.24	7.43	7.23	8
9	14.2E	10.2	8.94	8.26	18.4	58.8	40.5	23.7	14.1	8.50	7.53	6.87	9
10	14.0E	10.2	9.03	7.30	19.9	58.2	40.0	23.5	14.0	8.70	7.25	6.85	10
11	13.9E	10.3	9.01	8.12	21.5	58.9	39.4	23.5	13.5	8.58	7.32	7.41	11
12	13.8E	10.2	8.90	8.11	23.2	59.0	38.8	23.2	13.2	8.64	7.52	7.15	12
13	13.6E	10.0	8.80	7.64	24.5	58.7	38.2	22.6	12.5	8.64	7.26	6.68	13
14	13.4E	11.1	8.68	8.20	26.1	58.3	37.5	22.0	11.8	8.51	7.49	6.90	14
15	13.3E	10.5	8.63	8.05	27.9	57.2	37.2	21.5	11.9	8.49	7.45	6.91	15
16	13.2E	10.4	8.93	8.50	29.4	56.4	36.4	21.0	11.6	8.47	7.86	6.58	16
17	13.0E	10.1	8.57	8.25	30.3	55.9	35.8	20.5	11.6	8.39	7.74	6.23	17
18	12.9E	10.5	8.37	7.96	32.8	55.2	35.8	19.4	11.9	8.36	7.45	6.17	18
19	12.7E	10.3	8.29	7.95	35.8	54.8	35.3	19.3	12.0	8.35	7.39	6.49A	19
20	12.3A	9.74	8.03	8.00	39.4	54.5	35.1	19.1	11.3	7.99	7.65	7.94E	20
21	12.3	9.77	7.97	8.02	41.7	53.5	34.8	18.7	10.9	7.91	7.80	6.70	21
22	12.2	9.89	8.08	8.12	43.1	53.0	33.8	18.6	10.8	7.79	7.78	6.19	22
23	13.3	10.5	8.01	8.37	44.7	52.9	33.1	18.0	10.8	7.86	7.85	6.12	23
24	11.9	10.3	7.93	9.35	46.8	51.7	31.9	17.7	10.4	7.69	7.87	6.49	24
25	12.4	10.1	8.11	9.78	49.3	50.9	31.6	18.0	10.1	7.88	7.64	6.60	25
26	12.2	10.1	8.21	9.76	51.6	50.6	31.6	18.2	9.49	7.25	7.87	6.20	26
27	12.5	9.84	7.88	9.77	53.7	49.4	31.0	18.1	9.23	7.11	7.62	5.75E	27
28	12.7	9.79	8.07	10.7	55.1	48.2	30.6	17.4	9.38	7.45	7.41	5.71E	28
29	12.5		8.13	10.8	56.8	47.5	30.2	17.2	9.21	7.28	7.76	5.68E	29
30	12.2		7.93	11.6	59.7	47.1	29.9	16.8	9.16	6.87	6.99	5.64E	30
31	11.6		8.03		60.9		29.2	16.6		7.51		5.60E	31
TOTAL	400.2	295.73	268.94	259.39	1 006.8	1 678.8	1 148.5	665.6	368.97	254.36	226.37	207.37	TOTAL
MEAN	12.9	10.6	8.68	8.65	32.5	56.0	37.0	21.5	12.3	8.21	7.55	6.69	MEAN
MAX	14.2	12.3	10.2	11.6	60.9	61.8	46.4	28.5	16.6	9.73	7.88	7.94	MAX
MIN	11.6	9.74	7.88	7.30	12.0	47.1	29.2	16.6	9.16	6.87	6.99	5.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 61.8 ON JUN 3
MINIMUM DAILY, 5.60E ON DEC 31
MAXIMUM INSTANTANEOUS,
69.9 AT 18:40 PST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 38 N
LONG 125 00 01 W
DRAINAGE AREA, 3 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 600	JUL	99 200
FEB	25 600	AUG	57 500
MAR	23 200	SEP	31 900
APR	22 400	OCT	22 000
MAY	87 000	NOV	19 600
JUN	145 000	DEC	17 900

TOTAL DISCHARGE, 586 000 dam³

STIKINE RIVER ABOVE BUTTERFLY CREEK - STATION NO. 08CF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	165B	141B	145B	132E	213	3 550	1 720	1 360	888	571	463	269	1
2	169B	141B	146B	131E	242	3 250	1 700	1 280	777	570	426	266	2
3	171B	141B	145B	130E	263	2 900	1 810	1 290	695	552	396	240	3
4	172B	140B	143B	130E	291	2 680	1 820	1 350	651	518	431	212	4
5	171B	140B	141B	129E	333	2 500	1 640	1 490	644	483	902	204B	5
6	169B	140B	140B	128E	383	2 260	1 490	1 560	767	454	841	199B	6
7	164B	141B	140B	127A	461	2 130	1 410	1 520	1 070E	444	647	192B	7
8	162B	141B	140B	126	556	1 980	1 310	1 440	1 410E	446	539	186B	8
9	159B	140B	141B	122	661	1 800	1 220	1 360	760E	432	497	184B	9
10	158B	139B	141B	114	738	1 720	1 170	1 340	890E	404	490	179B	10
11	159B	139B	139B	114	795	1 770	1 270	1 230	880E	396	539	168B	11
12	158B	140B	137B	112	880	1 870	1 560	1 090	3 560E	395	567	167B	12
13	157B	141B	138B	111	971	2 020	1 800	1 010	1 930E	435	539	163B	13
14	156B	142B	139B	112	1 050	2 200	1 930	984	1 240E	600	484	161B	14
15	156B	144B	139B	112	1 140	2 380	2 010	945	660E	844	442	160B	15
16	155B	147B	138B	111	1 360	2 280	2 080	860	700E	812	429	159B	16
17	154B	148B	136B	110	1 510	2 220	2 080	802	1 490E	762	388	157B	17
18	154B	148B	134B	111	1 650	2 320	2 230	757	865E	806	348	152B	18
19	155B	147B	133B	114	1 910	2 240	2 290	750	1 140E	720	346	149B	19
20	156B	146B	132B	126	2 130	2 200	2 220	779	1 140E	642	351	146B	20
21	155B	144B	132E	135	2 290	2 230	2 040	900	840E	576	354	146B	21
22	153B	143B	133E	142	2 380	2 190	1 830	901	725E	531	354	145B	22
23	152B	141B	133E	147	2 490	2 130	1 750	774	800E	515	323	144B	23
24	151B	139B	134E	157	2 560	2 060	1 730	732	730E	578	296	143B	24
25	150B	139B	135E	167	2 850	2 100	1 730	825	650E	652	296	141B	25
26	148B	139B	135E	170	3 270	2 040	1 850	1 100	610	676	299	138B	26
27	146B	140B	136E	171	3 820	1 900	1 810	1 120	571	640	286	131B	27
28	144B	142B	136E	171	3 930	1 780	1 690	1 120	547	589	298	126B	28
29	142B		135E	183	3 670	1 690	1 650	1 070	531	548	297	121B	29
30	140B		133E	200	3 550	1 710	1 590	1 040	542	511	281	120B	30
31	140B		132E		3 640		1 490	977		487		120B	31
TOTAL	4 841	3 973	4 261	4 045	51 987	66 100	53 840	33 756	28 703	17 589	13 149	5 188	TOTAL
MEAN	156	142	137	135	1 680	2 200	1 740	1 090	957	567	438	167	MEAN
MAX	172	148	146	200	3 930	3 550	2 290	1 560	3 560	844	902	269	MAX
MIN	140	139	132	110	213	1 690	1 170	732	531	395	281	120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 787
MAXIMUM DAILY, 3 930 ON MAY 28
MINIMUM DAILY, 110 ON APR 17
MAXIMUM INSTANTANEOUS,
3 980 AT 00:00 PST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 29 10 N
LONG 131 45 00 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	418 000	JUL	4 650 000
FEB	343 000	AUG	2 920 000
MAR	368 000	SEP	2 480 000
APR	349 000	OCT	1 520 000
MAY	4 490 000	NOV	1 140 000
JUN	5 710 000	DEC	448 000

TOTAL DISCHARGE, 24 800 000 dam³

STIKINE RIVER ABOVE GRAND CANYON - STATION NO. 08CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	76.0B	61.8B	54.2B	43.8B	76.5B	1 790	956	499	308	252	182	114	1
2	77.8B	62.0B	54.0B	43.0B	88.0B	1 600	1 070	468	285	235	168	117	2
3	78.2B	61.8B	53.7B	42.6B	105 B	1 440	1 020	473	262	219	155	112	3
4	76.5B	61.0B	53.2B	42.0B	118 B	1 380	881	480	244	204	159	110 B	4
5	74.3B	60.9B	52.0B	41.5B	130 B	1 270	799	514	242	199	166	106 B	5
6	74.0B	60.7B	51.9B	40.8B	148	1 150	743	516	287	199	188	104 B	6
7	74.0B	60.8B	51.8B	40.8B	184	1 090	686	474	402	195	190	103 B	7
8	73.0B	61.4B	51.9B	40.3B	226	966	640	439	412	191	158	101 B	8
9	72.2B	61.8B	52.2B	39.6B	272	893	652	418	495	187	143	97.0B	9
10	72.0B	60.5B	51.6B	38.8B	299	891	628	403	568	182	151	94.0B	10
11	72.5B	59.0B	50.7B	38.7B	355	929	705	374	566	177	168	93.0B	11
12	73.3B	58.5B	50.6B	38.7B	390	1 000	848	352	507	173	178	93.0B	12
13	72.7B	58.0B	50.8B	38.8B	440	1 130	973	325	438	174	189	92.5B	13
14	71.8B	57.8B	50.9B	39.8B	467	1 270	997	307	381	186	184	91.0B	14
15	70.4B	57.6B	50.3B	40.4B	528	1 230	983	297	388	223	164	90.0B	15
16	70.0B	57.8B	49.2B	40.2B	591	1 180	992	291	406	268	162	89.0B	16
17	69.6B	58.0B	48.0B	40.0B	660	1 170	1 010	273	397	270	157	85.5B	17
18	69.1B	58.3B	47.4B	40.2B	748	1 160	1 030	259	422	251	137	80.0B	18
19	69.7B	58.4B	46.6B	40.8B	871	1 130	1 010	255	382	247	125	76.5B	19
20	70.0B	58.0B	46.5B	44.0B	980	1 130	904	251	342	228	128	76.0B	20
21	69.6B	57.0B	46.6B	49.5B	1 080	1 140	821	261	311	208	134	75.0B	21
22	68.5B	56.2B	46.7B	53.5B	1 180	1 130	758	269	297	199	142	74.5B	22
23	68.0B	55.3B	46.8B	55.0B	1 250	1 150	720	254	286	202	147	71.5B	23
24	66.4B	54.1B	46.9B	56.2B	1 330	1 170	729	240	270	216	141	68.0B	24
25	65.8B	53.8B	47.0B	61.0B	1 500	1 090	779	263	250	235	129	62.5B	25
26	64.3B	53.9B	47.0B	66.5B	1 790	997	736	316	237	250	127	57.0B	26
27	63.7B	54.0B	47.0B	66.4B	1 930	923	684	308	231	239	130	55.5B	27
28	63.0B	54.1B	46.5B	66.0B	1 800	911	659	360	226	223	127	54.5B	28
29	62.2B		45.7B	67.0B	1 710	935	623	393	226	213	117	54.0B	29
30	61.8B		44.8B	71.0B	1 800	910	581	348	244	201	111	54.0B	30
31	61.5B		44.0B		1 870		536	324		192		54.0B	31
TOTAL	2 171.9	1 632.5	1 526.5	1 426.9	24 917.5	34 155	25 153	11 004	10 312	6 638	4 557	2 605.0	TOTAL
MEAN	70.1	58.3	49.2	47.6	804	1 140	811	355	344	214	152	84.0	MEAN
MAX	78.2	62.0	54.2	71.0	1 930	1 790	1 070	516	568	270	190	117	MAX
MIN	61.5	53.8	44.0	38.7	76.5	891	536	240	226	173	111	54.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 345
MAXIMUM DAILY, 1 930 ON MAY 27
MINIMUM DAILY, 38.7B ON APR 11
MAXIMUM INSTANTANEOUS,
1 950 AT 09:20 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 02 38 N
LONG 129 56 45 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	188 000	JUL	2 170 000
FEB	141 000	AUG	951 000
MAR	132 000	SEP	891 000
APR	123 000	OCT	574 000
MAY	2 150 000	NOV	394 000
JUN	2 950 000	DEC	225 000

TOTAL DISCHARGE, 10 900 000 dam³

STIKINE RIVER AT TELEGRAPH CREEK - STATION NO. 08CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	110 B	91.8B	85.8B	73.4B	140E	2 620	1 360	803	402	334	271	173	1
2	111 B	92.0B	85.4B	71.7B	164E	2 390	1 320	759	378	351	249	180	2
3	112 B	92.0B	84.4B	70.8E	185E	2 150	1 420	705	350	349	233	174 B	3
4	111 B	91.5B	82.8B	70.2E	208E	1 980	1 510	707	325	324	241	173 B	4
5	108 B	91.5B	82.0B	70.0E	246E	1 840	1 360	732	310	303	286	175 B	5
6	107 B	92.0B	81.9B	69.8E	275E	1 660	1 150	771	322	283	342	172 B	6
7	107 B	92.3B	82.0B	69.7A	320E	1 600	1 060	757	415	279	295	170 B	7
8	105 B	92.2B	82.0B	68.0E	375E	1 470	990	691	524	278	243	169 B	8
9	103 B	91.7B	82.4B	65.8E	440E	1 340	916	638	542	271	246	163 B	9
10	101 B	90.0B	83.0B	63.0E	485E	1 300	853	605	667	263	268	154 B	10
11	102 B	89.0B	81.5B	62.8E	530E	1 340	864	576	699	258	297	152 B	11
12	102 B	88.4B	80.5B	62.3E	595E	1 400	1 030	539	660	250	318	148 B	12
13	103 B	88.0B	80.2B	62.1E	660E	1 560	1 280	498	566	246	313	146 B	13
14	102 B	88.0B	81.4B	63.0E	720E	1 740	1 280	456	496	259	273	145 B	14
15	102 B	89.0B	81.0B	64.0E	795E	1 880	1 350	428	487	295	256	143 B	15
16	101 B	89.8B	79.6B	63.7E	890E	1 840	1 380	410	558	361	257	139 B	16
17	101 B	90.2B	77.8B	63.5E	1 050	1 810	1 360	398	559	386	223	134 B	17
18	102 B	90.5B	77.0B	64.0E	1 200	1 910	1 350	377	553	367	199	128 B	18
19	103 B	90.4B	76.5B	70.0E	1 420	1 860	1 370	357	573	355	208	124 B	19
20	104 B	89.5B	76.0B	75.0E	1 580	1 940	1 430	341	521	330	220	123 B	20
21	102 B	87.0B	76.0B	82.3E	1 680	2 020	1 350	316	461	302	225	123 B	21
22	102 B	85.7B	75.9B	86.8E	1 750	1 980	1 200	331	418	283	229	122 B	22
23	101 B	84.2B	76.0B	88.0E	1 840	1 910	1 080	324	397	284	206	120 B	23
24	99.0B	84.0B	76.3B	94.0E	1 920	1 930	1 010	303	392	307	197	117 B	24
25	99.0B	83.8B	77.1B	102 E	2 150	1 890	967	306	382	351	206	112 B	25
26	97.0B	84.0B	77.8B	105 E	2 450	1 780	1 040	349	361	386	214	105 B	26
27	95.0B	85.0B	77.5B	106 E	2 880	1 580	1 030	385	339	368	194	99.0B	27
28	94.0B	85.3B	76.8B	108 E	2 840	1 430	952	407	329	342	190	95.0B	28
29	93.2B		76.0B	117 E	2 630	1 310	896	495	324	321	193	94.0B	29
30	92.5B		75.0B	125 E	2 590	1 360	844	481	319	301	179	93.5B	30
31	92.0B		74.5B		2 670		805	428		287		94.0B	31
TOTAL	3 163.7	2 488.8	2 462.1	2 356.5	37 678	52 820	35 811	15 671	13 629	9 674	7 271	4 259.5	TOTAL
MEAN	102	88.9	79.4	78.6	1 760	1 760	1 160	506	454	312	242	137	MEAN
MAX	112	92.3	85.8	125	2 880	2 620	1 510	803	699	386	342	180	MAX
MIN	92.0	83.8	74.5	62.1	140	1 300	809	303	310	246	179	93.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 513
MAXIMUM DAILY, 2 880 ON MAY 27
MINIMUM DAILY, 62.1E ON APR 13
MAXIMUM INSTANTANEOUS,
2 940 AT 16:27 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 03 N
LONG 131 09 16 W
DRAINAGE AREA, 29 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATUBAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	273 000	JUL	3 090 000
FEB	215 000	AUG	1 350 000
MAR	213 000	SEP	1 180 000
APR	204 000	OCT	836 000
MAY	3 260 000	NOV	628 000
JUN	4 560 000	DEC	368 000

TOTAL DISCHARGE, 16 200 000 dam³

STIKINE RIVER BELOW SPATSIZI RIVER - STATION NO. 08CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.1B	22.4B	20.1B	16.2B	45.0B	835	398	206	130	84.5E	43.5E	21.0B	1
2	28.4B	22.4B	20.0B	16.1B	49.5B	758	413	192	119	91.0E	39.5E	20.8B	2
3	28.7B	22.2B	19.3B	15.8B	54.0B	679	456	180	106	82.0E	37.2B	20.5B	3
4	28.7B	21.7B	18.8B	15.5B	57.5B	638	446	185	97.7	73.0E	35.2B	20.2B	4
5	28.1B	21.6B	18.6B	15.3B	61.5B	579	387	184	92.7	68.0E	33.8B	20.1B	5
6	28.0B	21.7B	18.4B	15.2B	66.0B	517	346	192	110	66.5E	32.0B	20.0B	6
7	27.9B	21.9B	18.3B	15.1B	73.0B	470	316	180	142	66.0E	30.8B	19.8B	7
8	27.2B	21.7B	18.5B	15.0B	80.0B	421	286	167	141	65.5E	29.8B	19.5B	8
9	27.1B	21.2B	19.0B	14.9B	92.0B	390	260	159	162	64.5E	28.9B	19.2B	9
10	27.2B	21.1B	18.9B	14.9B	104 B	375	259	152	218	63.0E	28.4B	19.1B	10
11	27.1B	20.9B	18.4B	15.0B	111 B	388	302	144	207	60.5E	28.0B	19.1B	11
12	27.0B	20.4B	18.3B	15.2B	130 B	416	375	134	189	59.8E	27.2B	19.3B	12
13	26.8B	20.6B	18.2B	15.7B	160 B	459	411	124	165	61.0E	26.8B	19.5B	13
14	26.5B	20.9B	18.1B	15.9B	170 B	500	417	115	149	67.0E	26.0B	19.6B	14
15	26.3B	21.3B	18.1B	16.0B	198 B	525	411	109	145	71.0E	25.4B	19.7B	15
16	26.2B	21.8B	18.0B	16.2B	230 B	513	410	106	149	77.5E	25.2B	19.8B	16
17	26.1B	22.0B	17.9B	16.4B	263	512	413	99.2	142	80.5E	25.0B	19.8B	17
18	26.0B	22.1B	17.7B	16.8B	324	513	413	92.1	144	69.0E	24.8B	19.8B	18
19	25.9B	22.2B	17.1B	18.0B	369	497	427	89.1	142	66.0E	24.0B	19.8B	19
20	25.9B	21.8B	16.8B	19.9B	419	482	423	89.1	131	63.5E	23.3B	19.8B	20
21	26.0B	21.5B	16.5B	23.2B	463	478	377	90.7	121	58.5E	22.9B	19.8B	21
22	26.1B	21.2B	16.3B	26.7B	514	479	333	97.0	112	56.8E	22.8B	19.5B	22
23	26.1B	20.7B	16.2B	27.4B	542	483	304	94.9	109	58.0E	22.8B	19.2B	23
24	25.2B	20.3B	16.3B	30.5B	585	518	283	90.6	105	60.5E	22.8B	18.9B	24
25	24.8B	20.0B	16.8B	35.0B	670	521	289	99.8	97.0	62.5E	22.9B	18.7B	25
26	24.3B	20.0B	17.0B	37.0B	792	476	304	115	90.1	60.0E	22.9B	18.4B	26
27	23.7B	20.0B	16.9B	38.0B	891	431	283	123	86.2	57.3E	22.8B	17.5B	27
28	22.9B	20.0B	16.5B	38.5B	845	395	266	158	82.5	54.5E	22.6B	16.9B	28
29	22.5B		16.2B	40.5B	784	392	249	171	80.9	52.2E	21.9B	16.5B	29
30	22.3B		16.3B	42.0B	798	409	233	147	79.6	49.8E	21.4B	16.2B	30
31	22.0B		16.4B		849		218	137		46.4E		16.1B	31
TOTAL	809.1	595.6	549.9	657.9	10 797.5	15 049	10 708	4 222.5	3 844.7	2 016.3	820.6	594.1	TOTAL
MEAN	26.1	21.3	17.7	21.9	348	502	345	136	128	65.0	27.4	19.2	MEAN
MAX	28.7	22.4	20.1	42.0	891	835	456	206	218	91.0	43.5	21.0	MAX
MIN	22.0	20.0	16.2	14.9	45.0	375	218	89.1	79.6	46.4	21.4	16.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 139
MAXIMUM DAILY, 891 ON MAY 27
MINIMUM DAILY, 14.9B ON APR 9
MAXIMUM INSTANTANEOUS,
903 AT 19:18 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 43 59 N
LONG 128 06 30 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	69 900	JUL	925 000
FEB	51 500	AUG	365 000
MAR	47 500	SEP	332 000
APR	56 800	OCT	174 000
MAY	933 000	NOV	70 900
JUN	1 300 000	DEC	51 300

TOTAL DISCHARGE, 4 380 000 dam³

STITT CREEK AT THE MOUTH - STATION NO. 08ND018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15B	1.23 B	1.00 B	1.08 E	5.84	16.0	17.7	21.5	14.2	5.20E	5.20E	1.50E	1
2	2.00B	1.20 B	0.975B	1.13 E	6.33	17.7	17.6	19.9	9.83	6.10E	4.70E	1.48E	2
3	1.90B	1.18 B	0.990B	1.08 E	5.85	18.1	20.6	19.2	7.48	5.00E	4.30E	1.44E	3
4	1.85B	1.15 B	1.03 B	1.05 E	5.47	16.6	22.6	18.1	8.41	4.40E	3.85E	1.40E	4
5	1.80B	1.11 B	1.04 B	1.02 E	5.39	15.3	24.5	18.4	8.20	4.00E	3.68A	1.43E	5
6	1.75B	1.08 B	1.06 B	0.990E	5.40	16.8	22.4	18.4	7.96	4.60E	3.25E	1.41E	6
7	1.65B	1.01 B	1.05 E	0.960E	5.36	15.9	18.9	17.8	8.55	5.20E	2.95E	1.38E	7
8	1.60B	0.930B	1.02 E	0.965E	5.34	14.2	15.1	18.8	10.1	4.95E	2.70E	1.32E	8
9	1.50B	0.870B	1.03 E	0.975E	5.73	12.5	12.0	17.6	10.6	4.70E	2.45E	1.30E	9
10	1.45B	0.810B	1.04 E	0.960E	5.83	12.4 A	12.1	17.7	8.34	4.40E	2.30E	1.31E	10
11	1.43B	0.850B	1.01 E	1.00 E	5.87	11.8	15.0	18.6	7.29	4.05E	2.20E	1.34E	11
12	1.38B	0.920B	1.05 E	1.05 E	6.10	11.3	15.0	19.3	6.91	3.70E	2.80E	1.33B	12
13	1.32B	0.950B	1.06 E	1.00 E	6.82	11.4	15.9	17.9	5.86	3.50E	2.65E	1.32B	13
14	1.28B	1.02 B	1.06 E	0.946A	7.46	12.3	17.4	17.1	5.69	3.40E	2.55E	1.30B	14
15	1.26B	1.09 B	1.05 E	0.880	8.41	13.1	17.1	17.6	6.64	3.30E	2.55E	1.28B	15
16	1.25B	1.20 B	1.07 E	0.913	8.49	14.4	19.0	17.3	8.07	3.20E	2.40E	1.27B	16
17	1.23B	1.42 B	1.03 E	0.967	9.30	12.6	21.5	17.0	8.75	3.10E	2.25E	1.25B	17
18	1.20B	1.38 B	1.03 E	1.09	11.1	10.9	23.1	16.0	8.83	3.00E	2.10E	1.26B	18
19	1.23B	1.32 B	1.04 E	1.37	13.5	10.5	22.8	16.2	9.75	2.90E	2.08E	1.24B	19
20	1.29B	1.27 B	1.06 E	1.70	15.7	11.6	20.0	17.5	6.15	2.85E	2.09E	1.22B	20
21	1.31B	1.22 B	1.06 E	1.77	18.6	10.9	21.3	18.1	5.58	2.75E	2.10E	1.20B	21
22	1.39B	1.19 B	1.04 E	1.83	21.8	9.81	20.5	12.7	4.98E	2.65E	2.13E	1.18B	22
23	1.49B	1.15 B	1.02 E	2.25	16.7	10.3	19.9	13.2	4.80E	2.55E	2.11E	1.16B	23
24	1.53B	1.14 B	1.03 E	5.39	16.9	10.6	21.2	15.0	4.50E	2.48E	2.04E	1.15B	24
25	1.45B	1.12 B	1.07 E	4.94	19.0	12.8	18.9	16.8	4.15E	2.42E	1.95E	1.16B	25
26	1.40B	1.09 B	1.10 E	3.98	19.9	16.0	17.7	15.5	3.80E	2.90E	1.83E	1.15B	26
27	1.32B	1.07 B	0.995E	3.61	16.0	15.7	21.3	13.0	3.40E	3.70E	1.72E	1.13B	27
28	1.32B	1.03 B	0.920E	3.65	13.4	13.5	30.3	10.9	3.20E	4.90E	1.64E	1.12B	28
29	1.31B		0.950E	3.87	13.6	13.9	26.5	11.9	3.90E	4.70E	1.52E	1.11B	29
30	1.30B		1.00 E	4.27	16.0	17.4	22.8	10.2	4.25E	4.25E	1.50E	1.10B	30
31	1.26B		1.04 E		18.1		23.4	9.12		4.10E		1.12B	31
TOTAL	45.60	31.000	31.920	56.686	339.29	406.31	613.7	504.32	210.17	118.95	77.59	39.36	TOTAL
MEAN	1.47	1.11	1.03	1.89	10.9	13.5	19.8	16.3	7.01	3.84	2.59	1.27	MEAN
MAX	2.15	1.42	1.10	5.39	21.8	18.1	30.3	21.5	14.2	6.10	5.20	1.50	MAX
MIN	1.20	0.810	0.920	0.880	5.34	9.81	12.0	9.12	3.20	2.42	1.50	1.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.78
MAXIMUM DAILY, 30.3 ON JUL 28
MINIMUM DAILY, 0.810B ON FEB 10
MAXIMUM INSTANTANEOUS,
31.6 AT 04:34 PST ON JUL 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 53 N
LONG 118 08 50 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 940	JUL	53 000
FEB	2 680	AUG	43 600
MAR	2 760	SEP	18 200
APR	4 900	OCT	10 300
MAY	29 300	NOV	6 700
JUN	35 100	DEC	3 400

TOTAL DISCHARGE, 214 000 dam³

STODDART CREEK NEAR ATHALMER - STATION NO. 08NA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.073	0.064	0.057	0.066	0.124	0.336	0.193	0.233	0.160	0.125	0.107	0.090	1
2	0.074	0.065	0.058	0.064	0.133	0.324	0.178	0.236	0.155	0.125	0.106	0.090	2
3	0.074	0.064	0.058	0.064	0.138	0.302	0.175	0.243	0.153	0.123	0.106	0.090	3
4	0.074	0.063	0.058	0.064	0.145	0.287	0.174	0.244	0.154	0.124	0.106	0.089	4
5	0.072	0.062	0.058	0.063	0.151	0.286	0.177	0.249	0.152	0.123	0.102	0.088	5
6	0.073	0.063	0.058	0.062	0.152	0.291	0.185	0.244	0.150	0.122	0.102	0.089	6
7	0.074	0.063	0.059	0.062	0.157	0.284	0.188	0.241	0.150	0.123	0.100	0.089	7
8	0.073	0.063	0.058	0.062	0.159	0.284	0.184	0.239	0.149	0.124	0.099	0.088	8
9	0.072	0.064	0.058	0.061	0.166	0.271	0.185	0.232	0.146	0.120	0.099	0.088	9
10	0.073	0.061	0.057	0.061	0.171	0.259	0.186	0.226	0.145	0.118	0.099	0.088	10
11	0.071	0.063	0.058	0.061	0.173	0.250	0.186	0.224	0.143	0.118	0.099	0.087	11
12	0.073	0.061	0.059	0.061	0.174	0.249	0.187	0.222	0.141	0.119	0.099	0.087	12
13	0.072	0.061	0.059	0.060	0.173	0.244	0.199	0.217	0.140	0.118	0.099	0.086	13
14	0.072	0.061	0.059	0.061	0.174	0.239	0.211	0.213	0.139	0.117	0.097	0.085	14
15	0.073	0.059	0.060	0.060	0.174	0.234	0.208	0.213	0.138	0.116	0.097	0.087	15
16	0.071	0.059	0.062	0.066	0.169	0.230	0.215	0.207	0.138	0.113	0.097	0.087	16
17	0.071	0.057	0.061	0.064	0.168	0.222	0.222	0.202	0.137	0.111	0.098	0.085	17
18	0.070	0.057	0.060	0.064	0.167	0.218	0.225	0.197	0.136	0.111	0.097	0.086	18
19	0.072	0.058	0.061	0.065	0.167	0.213	0.232	0.196	0.137	0.112	0.096	0.086	19
20	0.071	0.057	0.061	0.066	0.168	0.214	0.237	0.194	0.133	0.111	0.094	0.084	20
21	0.069	0.057	0.061	0.069	0.167	0.211	0.241	0.185	0.136	0.112	0.094	0.086	21
22	0.068	0.058	0.063	0.073	0.172	0.204	0.241	0.181	0.132	0.110	0.095	0.085	22
23	0.068	0.057	0.063	0.075	0.184	0.202	0.239	0.178	0.132	0.109	0.094	0.085	23
24	0.067	0.058	0.062	0.088	0.277	0.197	0.239	0.176	0.131	0.109	0.094	0.087	24
25	0.065	0.058	0.061	0.100	0.416	0.190	0.233	0.172	0.128	0.109	0.093	0.086	25
26	0.065	0.058	0.062	0.106	0.453	0.188	0.226	0.170	0.128	0.109	0.094	0.086	26
27	0.067	0.058	0.062	0.108	0.483	0.190	0.219	0.164	0.128	0.109	0.093	0.085	27
28	0.066	0.058	0.062	0.112	0.483	0.183	0.219	0.163	0.126	0.107	0.090	0.086	28
29	0.065		0.062	0.114	0.449	0.179	0.222	0.163	0.125	0.108	0.090	0.086	29
30	0.064		0.065	0.117	0.390	0.178	0.233	0.160	0.125	0.108	0.090	0.086	30
31	0.064		0.065		0.370		0.228	0.157		0.108		0.086	31
TOTAL	2.176	1.687	1.867	2.219	7.047	7.159	6.487	6.341	4.187	3.571	2.926	2.693	TOTAL
MEAN	0.070	0.060	0.060	0.074	0.227	0.239	0.209	0.205	0.140	0.115	0.098	0.087	MEAN
MAX	0.074	0.065	0.065	0.117	0.483	0.336	0.241	0.249	0.160	0.125	0.107	0.090	MAX
MIN	0.064	0.057	0.057	0.060	0.124	0.178	0.174	0.157	0.125	0.107	0.090	0.084	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.132
MAXIMUM DAILY, 0.483 ON MAY 27
MINIMUM DAILY, 0.057 ON FEB 17
MAXIMUM INSTANTANEOUS,
0.504 AT 02:52 MST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 06 N
LONG 115 59 29 W
DRAINAGE AREA, 21.2 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188	JUL	560
FEB	146	AUG	548
MAR	161	SEP	163
APR	192	OCT	309
MAY	609	NOV	253
JUN	619	DEC	233

TOTAL DISCHARGE, 4 180 dam³

STONY CREEK AT STONY CREEK - STATION NO. 08JC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.439	0.807E	1.25E	1.03 E	0.244E	0.065	---	---	---	1
2	---	---	---	0.439E	0.838E	1.26E	1.02 E	0.232E	0.068E	---	---	---	2
3	---	---	---	0.439E	0.878E	1.26E	1.02 E	0.227E	0.065E	---	---	---	3
4	---	---	---	0.439	0.917E	1.27	1.01 E	0.215E	0.062E	---	---	---	4
5	---	---	---	0.450E	0.949	1.20	0.974E	0.204E	0.059E	---	---	---	5
6	---	---	---	0.453	0.934E	1.18E	0.937E	0.198E	0.057E	---	---	---	6
7	---	---	---	0.447E	0.934	1.16E	0.920E	0.190E	0.054E	---	---	---	7
8	---	---	---	0.439	0.949	1.15E	0.889	0.178E	0.051E	---	---	---	8
9	---	---	---	0.453	0.963E	1.22	0.864E	0.170E	0.051E	---	---	---	9
10	---	---	---	0.467E	0.980E	1.19E	0.827E	0.161E	0.048E	---	---	---	10
11	---	---	---	0.479E	1.01	1.20E	0.793E	0.156E	0.045E	---	---	---	11
12	---	---	---	0.487E	1.03 E	1.22	0.750E	0.147E	0.042E	---	---	---	12
13	---	---	---	0.496E	1.04 E	1.21E	0.725E	0.142E	0.042E	---	---	---	13
14	---	---	---	0.504	1.06 E	1.20E	0.685E	0.133E	0.040E	---	---	---	14
15	---	---	---	0.510E	1.08	1.22E	0.637E	0.127E	0.037	---	---	---	15
16	---	---	---	0.515E	1.08 E	1.22	0.600E	0.122E	0.037E	---	---	---	16
17	---	---	0.402	0.518E	1.09 E	1.24E	0.566E	0.113E	0.037E	---	---	---	17
18	---	---	0.402	0.524E	1.10 E	1.27	0.541E	0.108E	0.037E	---	---	---	18
19	---	---	0.402E	0.532E	1.10	1.22	0.510E	0.102E	0.037E	---	---	---	19
20	---	---	0.402	0.538E	1.14 E	1.20E	0.479E	0.096E	0.037E	---	---	---	20
21	---	---	0.405E	0.544E	1.17	1.19E	0.459E	0.093E	0.038E	---	---	---	21
22	---	---	0.411E	0.547	1.17 E	1.19E	0.433E	0.091E	0.037E	---	---	---	22
23	---	---	0.413	0.617E	1.18 E	1.18E	0.411E	0.085E	0.040E	---	---	---	23
24	---	---	0.416E	0.691	1.19 E	1.15E	0.385E	0.082E	0.037E	---	---	---	24
25	---	---	0.422E	0.685E	1.20 E	1.13E	0.362E	0.079E	0.037E	---	---	---	25
26	---	---	0.428E	0.680E	1.20	1.12E	0.348E	0.076E	0.037E	---	---	---	26
27	---	---	0.433E	0.674	1.22 E	1.12E	0.326E	0.074E	0.037E	---	---	---	27
28	---	---	0.439	0.694E	1.23 E	1.10E	0.306E	0.071E	0.037	---	---	---	28
29	---		0.439E	0.736	1.23 E	1.09E	0.283E	0.068E	0.037E	---	---	---	29
30	---		0.439E	0.765E	1.24 E	1.06E	0.266E	0.065E	0.037E	---	---	---	30
31	---		0.439		1.25 E		0.255E	0.068E		---	---	---	31
TOTAL	---	---	---	16.201	33.159	35.67	19.611	4.117	1.341	---	---	---	TOTAL
MEAN	---	---	---	0.540	1.07	1.19	0.633	0.133	0.045	---	---	---	MEAN
MAX	---	---	---	0.765	1.25	1.27	1.03	0.244	0.068	---	---	---	MAX
MIN	---	---	---	0.439	0.807	1.06	0.255	0.065	0.034	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.27 ON JUN 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 56 28 N
LONG 124 06 25 W
DRAINAGE AREA, 342 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 690
FEB	---	AUG	356
MAR	---	SEP	116
APR	1 400	OCT	---
MAY	2 860	NOV	---
JUN	3 080	DEC	---

STUART LAKE NEAR FORT ST. JAMES - STATION NO. 08JE003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.750	1.674	1.600	1.518	1.671	2.807	3.447	2.913	2.257A	1.818	1.616	1.519	1
2	1.747	1.667	1.602	1.516	1.695	2.849	3.446	2.887	2.212A	1.802	1.612	1.545	2
3	1.740	1.669	1.598	1.520	1.723	2.896	3.446	2.869	2.186	1.793	1.626	1.505	3
4	1.744	1.671	1.599	1.516	1.745	2.947	3.446	2.854	2.157	1.771	1.581	1.503	4
5	1.738	1.670	1.599	1.517	1.769	2.978	3.443	2.828	2.115	1.733	1.575	1.528	5
6	1.737	1.658	1.599	1.512	1.779	3.028	3.439	2.798	2.086	1.740	1.603	1.526	6
7	1.740	1.658	1.599	1.515	1.804	3.082	3.430	2.787	2.060	1.753	1.591	1.530	7
8	1.740	1.657	1.595	1.513	1.828	3.124	3.404	2.762	2.032	1.748	1.575	1.534	8
9	1.730	1.652	1.595	1.524	1.860	3.156	3.382	2.743	2.012E	1.751	1.575	1.530	9
10	1.728	1.650E	1.587	1.529	1.885	3.187	3.366	2.719	2.000E	1.746	1.575	1.521	10
11	1.721	1.650E	1.587	1.529	1.910	3.242	3.346	2.690	1.990E	1.747	1.556	1.516	11
12	1.708	1.648E	1.578	1.517	1.939	3.277	3.334	2.660E	1.980E	1.731	1.568	1.516	12
13	1.713	1.645E	1.578	1.521	1.974	3.315	3.317	2.635E	1.970E	1.723	1.559	1.518	13
14	1.714	1.643E	1.573	1.523	2.003	3.339	3.309	2.618E	1.960E	1.721	1.558	1.517	14
15	1.709	1.641E	1.571	1.520	2.053	3.360	3.291	2.590E	1.952E	1.719	1.551	1.527	15
16	1.707	1.640E	1.564	1.522	2.087	3.390	3.267	2.565E	1.945E	1.709	1.550	1.510	16
17	1.705	1.639E	1.560	1.525	2.124	3.413	3.243	2.542E	1.938E	1.706	1.551	1.479	17
18	1.701	1.638E	1.549	1.531	2.162	3.417	3.228	2.517E	1.930E	1.704	1.535	1.475	18
19	1.709	1.636E	1.548	1.530	2.202	3.438	3.200	2.502E	1.923E	1.710	1.528	1.467	19
20	1.709	1.633E	1.544	1.530	2.237	3.441	3.195	2.484E	1.914E	1.692	1.530	1.481	20
21	1.710	1.632E	1.538	1.529	2.286	3.441	3.174	2.462E	1.908E	1.677	1.536	1.477	21
22	1.705	1.629E	1.527	1.542	2.317	3.442	3.149	2.446E	1.902E	1.674	1.543	1.467	22
23	1.704	1.625E	1.528	1.561	2.354	3.443	3.121	2.428E	1.893E	1.677	1.533	1.471	23
24	1.699	1.621E	1.532	1.573	2.403	3.442	3.095	2.406E	1.882E	1.677	1.534	1.461	24
25	1.698	1.617A	1.534	1.594	2.456	3.447	3.078	2.387E	1.875E	1.673	1.534	1.477	25
26	1.698	1.615	1.525	1.596	2.507	3.447	3.068	2.369E	1.868E	1.632	1.538	1.470	26
27	1.697	1.607	1.515	1.609	2.548	3.447	3.035	2.349E	1.860E	1.627	1.515	1.461	27
28	1.691	1.602	1.518	1.626	2.603	3.445	3.011	2.330E	1.850A	1.633	1.498	1.455	28
29	1.692		1.519	1.649A	2.655	3.448	2.992	2.315E	1.815	1.618	1.524	1.459A	29
30	1.681		1.519	1.659	2.710	3.445	2.968	2.295E	1.785	1.587	1.493	1.462E	30
31	1.676		1.519		2.761		2.940	2.275E		1.623		1.458E	31
MEAN	1.714	1.642	1.561	1.546	2.131	3.271	3.245	2.581	1.975	1.707	1.555	1.496	MEAN
MAX	1.750	1.674	1.602	1.659	2.761	3.448	3.447	2.913	2.257	1.818	1.626	1.545	MAX
MIN	1.676	1.602	1.515	1.512	1.671	2.807	2.940	2.275	1.785	1.587	1.493	1.455	MIN

WATER LEVELS IN METRES

MEAN, 2.038
MAXIMUM DAILY, 3.448 ON JUN 29
MINIMUM DAILY, 1.455 ON DEC 28
MAXIMUM INSTANTANEOUS,
3.455 AT 02:30 PST ON JUN 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 27 00 N
LONG 124 16 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

STUART RIVER NEAR FORT ST. JAMES - STATION NO. 08JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.9	77.3	66.5	52.6	82.4	240	361	251	149	92.4	61.1	42.5	1
2	83.9	75.8	65.9	52.6	87.3	246	359	246	146	90.6	60.8	43.3	2
3	82.1	75.5	65.3	52.9	90.6	256	359	243	143	89.4	62.6	43.6	3
4	81.5	75.5	64.7	53.8	93.0	263	355	240	140	84.5	56.3	44.2	4
5	82.1	75.5	64.1	54.4	95.4	269	350	233	138	85.1	55.6	43.3	5
6	82.4	75.5	64.1	52.3	96.9	279	350	232	136	84.5	55.9	42.5	6
7	82.1	74.9	62.9	52.6	99.3	285	348	228	134	84.2	55.9	43.6	7
8	82.7	72.5E	62.6	52.9	101	292	343	223	131	83.9	56.6	44.2	8
9	83.3	73.4	62.0	53.8	105	301	340	219	130	83.6	56.3	44.2	9
10	83.0	73.4	61.4	54.4	109	307	335	216	129	82.1	55.9	43.9	10
11	82.7	72.8	60.8	54.7	112	313	332	213	127	80.3	56.3	43.9	11
12	82.7	71.9	61.4	54.1	115	323	329	211	125	79.1	56.3	43.3	12
13	81.8	72.2	60.2	52.3	119	330	325	204	121	78.8	55.6	42.8	13
14	81.2	70.7	58.7	53.5	126	335	326	202	118	77.9	55.0	42.2	14
15	81.5	70.4	57.2	54.1	131	338	322	194	118	77.6	54.7	42.8	15
16	80.3	70.1	58.7	54.1	135	346	318	195	116	77.3	55.6	42.8	16
17	80.3	69.2	58.4	54.4	141	346	313	191	114	77.6	54.4	43.0	17
18	79.7	69.5	56.3	54.7	143	346	313	187	111	77.0	53.5	43.0	18
19	79.4	70.7	57.2	55.9	148	349	310	185	111	76.1	53.2	42.5	19
20	78.5	68.3	56.6	55.9	154	354	306	182	110	71.6	52.6	41.9	20
21	78.5	68.6	56.6	56.3	160	359	301	180	105	69.2	52.0	41.6	21
22	78.2	70.4	55.9	57.2	166	360	295	178	104	68.3	52.6	41.1	22
23	77.9	69.2	55.0	59.9	172	362	290	174	103	69.8	53.2	41.1	23
24	77.9	68.6	54.4	63.8	175	363	285	169	102	68.3	53.8	42.2	24
25	78.2	68.3	54.1	66.5	184	363	283	168	99.6	65.9	54.1	42.5	25
26	78.2	67.4	53.8	66.8	190	364	279	166	98.7	62.6	55.0	42.5	26
27	77.3	67.4	53.5	70.1	195	364	273	162	96.9	63.2	48.1	42.2B	27
28	78.2	67.1	53.2	77.6	204	363	263	159	96.6	62.9	46.6	42.5B	28
29	77.9		53.8	77.6	213	362	260	157	92.1	61.4	45.1	42.2B	29
30	76.7		53.2	77.0	225	362	262	152	91.8	62.0	43.0	41.9B	30
31	77.6		52.6		232		253	148		61.7		41.9B	31
TOTAL	2 491.7	2 002.1	1 821.1	1 748.8	4 399.9	9 740	9 738	6 108	3 536.7	2 348.9	1 627.7	1 325.2	TOTAL
MEAN	80.4	71.5	58.7	58.3	142	325	314	197	118	75.8	54.3	42.7	MEAN
MAX	83.9	77.3	66.5	77.6	232	364	361	251	149	92.4	62.6	44.2	MAX
MIN	76.7	67.1	52.6	52.3	82.4	240	253	148	91.8	61.4	43.0	41.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 128
MAXIMUM DAILY, 364 ON JUN 26
MINIMUM DAILY, 41.1 ON DEC 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 25 05 N
LONG 124 16 30 W
DRAINAGE AREA, 14 600 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	215 000	JUL	841 000
FEB	173 000	AUG	528 000
MAR	157 000	SEP	306 000
APR	151 000	OCT	203 000
MAY	380 000	NOV	141 000
JUN	842 000	DEC	114 000

TOTAL DISCHARGE, 4 050 000 dam³

STUMBLES CREEK NEAR LOWER NICOLA - STATION NO. 08LG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.046	0.038	0.0 8	0.033	0.150	0.055	0.023	0.030	0.011	0.033	0.023	0.023	1
2	0.046	0.038	0.038	0.033	0.286	0.046	0.023	0.030	0.011	0.033	0.023	0.026	2
3	0.046	0.038	0.038	0.037	0.181	0.041	0.023	0.030	0.011	0.033	0.023	0.026	3
4	0.046	0.038	0.038	0.033	0.127	0.041	0.030	0.030	0.013	0.033	0.023	0.026	4
5	0.046	0.033	0.038	0.030	0.119	0.041	f 030	0.017	0.013	0.033	0.023	0.026	5
6	0.048	0.033	0.038	0.030	0.094	0.041	0.035	0.025	0.013	0.033	0.023	0.059	6
7	0.046	0.033	0.038	0.026	0.094	0.041	0.035	0.006	0.013	0.033	0.021	0.059	7
8	0.046	0.033	0.038	0.026	0.094	0.041	0.038	0.006	0.017	0.030	0.021	0.055	8
9	0.046	0.033	0.033	0.026	0.094	0.041	0.038	0.017	0.017	0.030	0.021	0.050	9
10	0.046	0.030	0.033	0.026	0.094	0.041	0.046	0.017	0.017	0.026	0.021	0.050	10
11	0.046	0.030	0.033	0.026	0.108	0.041	0.046	0.017	0.017	0.022	0.022	0.041	11
12	0.046	0.038	0.033	0.026	0.127	0.041	0.030	0.023	0.017	0.026	0.021	0.041	12
13	0.046	0.038	0.033	0.026	0.108	0.041	0.026	0.017	0.017	0.026	0.023	0.041	13
14	0.041	0.041	0.033	0.026	0.108	0.038	0.032	0.013	0.017	0.026	0.023	0.041	14
15	0.041	0.041	0.030	0.026	0.320	0.038	0.029	0.013	0.019	0.023	0.023	0.041	15
16	0.041	0.059	0.030	0.026	0.320	0.030	0.029	0.011	0.019	0.023	0.023	0.041	16
17	0.041	0.046	0.033	0.026	0.214	0.030	0.030	0.011	0.017	0.023	0.023	0.046	17
18	0.041	0.059	0.033	0.026	0.141	0.030	0.030	0.013	0.017	0.023	0.023	0.046	18
19	0.041	0.088	0.033	0.026	0.141	0.026	0.030	0.013	0.017	0.023	0.023	0.064	19
20	0.041	0.059	0.033	0.026	0.150	0.026	0.030	0.017	0.023	0.023	0.023	0.064	20
21	0.041	0.046	0.033	0.029	0.127	0.023	0.030	0.013	0.023	0.021	0.023	0.055	21
22	0.041	0.041	0.033	0.026	0.127	0.023	0.030	0.013	0.023	0.021	0.023	0.046	22
23	0.041	0.038	0.033	0.064	0.108	0.019	0.030	0.013	0.023	[illegible]	0.023	0.038	23
24	0.041	0.038	0.033	0.074	0.084	0.019	0.030	0.013	0.023	[illegible]	0.023	0.030	24
25	0.041	0.041	0.033	0.074	0.094	0.017	0.030	0.013	0.023	[illegible]	0.023	0.026	25
26	0.041	0.041	0.033	0.086	0.094	0.017	0.030	0.013	0.026	0.02[illegible]	0.023	0.026	26
27	0.041	0.041	0.033	0.084	0.084	0.017	0.030	0.017	0.026	0.026	0.023	0.026	27
28	0.041	0.041	0.033	0.070	0.084	0.017	0.030	0.017	0.030	0.026	0.023	0.027	28
29	0.041		0.041	0.080	0.074	0.017	0.030	0.019	0.030	0.023	0.023	0.026	29
30	0.038		0.038	0.102	0.064	0.017	0.030	0.017	0.030	0.023	0.023	0.026	30
31	0.038		0.038		0.059		0.030	0.011		0.023		0.026	31
TOTAL	1.332	1.173	1.075	1.245	4.069	0.956	0.963	0.515	0.573	0.810	0.681	1.218	TOTAL
MEAN	0.043	0.042	0.035	0.042	0.131	0.032	0.031	0.017	0.019	0.026	0.023	0.039	MEAN
MAX	0.048	0.088	0.041	0.102	0.320	0.055	0.046	0.030	0.030	0.033	0.023	0.064	MAX
MIN	0.038	0.030	0.030	0.026	0.059	0.017	0.023	0.006	0.011	0.021	0.021	0.023	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 0.320 ON MAY 15
MINIMUM DAILY, 0.006 ON AUG 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 09 04 N
LONG 120 53 08 W
DRAINAGE AREA, 52.3 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115	JUL	83.2
FEB	101	AUG	44.5
MAR	92.9	SEP	49.5
APR	108	OCT	70.0
MAY	352	NOV	58.8
JUN	82.6	DEC	105

TOTAL DISCHARGE, 1 260 dam³

STUMPLAKE CREEK BELOW DIVERSION - STATION NO. 08LG062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.084	0.171	0.050	0.060	---	---	---	1
2	---	---	---	---	---	0.073	0.164	0.050	0.042	---	---	---	2
3	---	---	---	---	---	0.067	0.163	0.046	0.040	---	---	---	3
4	---	---	---	---	---	0.063	0.150	0.049	0.044	---	---	---	4
5	---	---	---	---	---	0.070	0.150	0.046	0.040	---	---	---	5
6	---	---	---	---	---	0.106	0.153	0.043	0.016	---	---	---	6
7	---	---	---	---	---	0.102	0.283	0.041	0.013	---	---	---	7
8	---	---	---	---	0.082	0.108	0.193	0.042	0.012	---	---	---	8
9	---	---	---	---	0.074	0.198	0.086	0.042	0.012E	---	---	---	9
10	---	---	---	---	0.071	0.174	0.103	0.044	0.011E	---	---	---	10
11	---	---	---	---	0.072	0.139	0.128	0.043	0.011E	---	---	---	11
12	---	---	---	---	0.075	0.121	0.084	0.040	0.010E	---	---	---	12
13	---	---	---	---	0.081	0.145	0.080	0.041	0.010E	---	---	---	13
14	---	---	---	---	0.080	0.157	0.081	0.043	0.010E	---	---	---	14
15	---	---	---	---	0.110	0.138	0.095	0.048	0.009E	---	---	---	15
16	---	---	---	---	0.134	0.127	0.084	0.043	0.009E	---	---	---	16
17	---	---	---	---	0.112	0.108	0.077	0.040	0.009E	---	---	---	17
18	---	---	---	---	0.099	0.092	0.083	0.039	0.008E	---	---	---	18
19	---	---	---	---	0.108	0.106	0.092	0.036	0.011E	---	---	---	19
20	---	---	---	---	0.137	0.095	0.108	0.041	0.009E	---	---	---	20
21	---	---	---	---	0.161	0.088	0.106	0.039	0.009E	---	---	---	21
22	---	---	---	---	0.139	0.086	0.090	0.037	0.008E	---	---	---	22
23	---	---	---	---	0.118	0.085	0.082	0.033	0.008E	---	---	---	23
24	---	---	---	---	0.098	0.082	0.085	0.034	0.007E	---	---	---	24
25	---	---	---	---	0.097	0.078	0.080	0.031	0.007E	---	---	---	25
26	---	---	---	---	0.106	0.106	0.068	0.033	0.006E	---	---	---	26
27	---	---	---	---	0.088	0.173	0.061	0.034	0.006E	---	---	---	27
28	---	---	---	---	0.077	0.162	0.055	0.034	0.005E	---	---	---	28
29	---		---	---	0.070	0.153	0.057	0.037	0.005E	---	---	---	29
30	---		---	---	0.069	0.162	0.057	0.037	0.006E	---	---	---	30
31	---		---		0.083		0.055	0.037		---		---	31
TOTAL	---	---	---	---	---	3.448	3.324	1.253	0.453	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.115	0.107	0.040	0.015	---	---	---	MEAN
MAX	---	---	---	---	---	0.198	0.283	0.050	0.060	---	---	---	MAX
MIN	---	---	---	---	---	0.063	0.055	0.031	0.005	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 05 N
LONG 120 12 09 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	287
FEB	---	AUG	108
MAR	---	SEP	39.1
APR	---	OCT	---
MAY	---	NOV	---
JUN	298	DEC	---

SUGAR LAKE RESERVOIR AT THE OUTLET - STATION NO. 08LC041

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.339A	7.471A	6.398A	5.697A	6.496	9.771	10.510	10.121	9.996	9.864	10.220A	9.985A	1
2	8.324A	7.465A	6.392A	5.709A	6.757	9.687	10.551	10.065	10.05	9.895	10.260A	9.976A	2
3	8.318A	7.455A	6.328A	5.718A	6.971	9.665	10.505	9.977	10.1[illegible]	9.952	10.275A	9.970A	3
4	8.309A	7.440A	6.306A	5.718A	7.096	9.682	10.454	9.903	10.[illegible]	9.979	10.290A	9.940A	4
5	8.306A	7.434A	6.282A	5.727A	7.202	9.668	10.447	9.865	10.177	9.985A	10.290A	9.927A	5
6	8.284	7.428A	6.276A	5.733A	7.265	9.680	10.413	9.869	10.197	[illegible].994A	10.290A	9.897A	6
7	8.263	7.303A	6.248A	5.733A	7.293	9.706	10.358	9.907	10.195	10.061A	10.269A	9.872A	7
8	8.236	7.242A	6.206A	5.733A	7.310	9.633	10.282	9.950	10.182	10.061A	10.257A	9.848A	8
9	8.208	7.196A	6.190A	5.575A	7.323	9.515	10.136	9.983	10.163	10.122A	10.238A	9.830A	9
10	8.175A	7.105A	6.160A	5.549	7.332	9.391	10.037	10.017	10.143	10.214A	10.214A	9.818A	10
11	8.217A	7.068A	6.130A	5.522	7.337	9.260	10.037	10.040	10.123	10.214A	10.208A	9.802A	11
12	8.208A	7.013A	6.087A	5.495	7.312	9.111	10.035	10.063	10.100	10.229A	10.189A	9.781A	12
13	8.111A	6.983A	6.053A	5.467	7.261	9.021	10.038	10.072	10.071	10.214A	10.159A	9.772A	13
14	8.065A	6.937A	6.020A	5.436	7.237	8.971	10.176	10.074	10.039	10.229A	10.183A	9.726A	14
15	8.004A	6.907A	6.002A	5.407	7.273	8.943	10.300	10.069	10.011	10.229A	10.183A	9.589A	15
16	7.958A	6.861A	5.977A	5.382	7.360	9.023	10.356	10.053	9.982	10.208A	10.159A	9.531A	16
17	7.867A	6.709A	5.971A	5.356	7.443	9.129	10.337	10.049	9.962	10.199A	10.147A	9.528A	17
18	7.806A	6.648A	5.947A	5.335	7.561	9.229	10.304	10.032	9.946	10.183A	10.147A	9.525A	18
19	7.760A	6.648A	5.938A	5.323	7.747	9.341	10.279	10.010	9.933	10.153A	10.141A	9.513A	19
20	7.714A	6.593A	5.870A	5.325	7.979	9.454	10.235	9.987	9.945	10.153A	10.135A	9.513A	20
21	7.684A	6.587A	5.788A	5.348	8.278	9.557	10.208	10.001	9.950	10.141A	10.122A	9.452A	21
22	7.608A	6.581A	5.703A	5.381	8.629	9.646	10.233	10.020	9.955	10.138A	10.122A	9.437A	22
23	7.556A	6.593A	5.566A	5.445	9.004	9.743	10.227	10.022	9.951	10.135A	10.119A	9.360A	23
24	7.507A	6.587A	5.627A	5.606	9.315	9.838	10.191	10.017	9.941	10.107A	10.110A	9.315A	24
25	7.486A	6.587A	5.611A	5.864	9.591	9.934	10.160	10.017	9.925	10.086A	10.092A	9.257A	25
26	7.455A	6.587A	5.617A	6.015	9.853	10.065	10.109	10.014	9.908	10.068A	10.068A	9.223A	26
27	7.471A	6.495A	5.672A	6.128	9.917	10.220	10.048	10.010	9.885	10.046A	10.061A	9.193A	27
28	7.471A	6.404A	5.685A	6.217	9.829	10.334	10.032	9.997	9.878	10.086A	10.046A	9.162A	28
29	7.486A		5.672A	6.273	9.726	10.400	10.051	9.984	9.874	10.098A	10.037A	9.056A	29
30	7.495A		5.672A	6.345	9.679	10.450	10.106	9.989	9.868	10.159A	9.994A	8.970A	30
31	7.495A		5.678A		9.744		10.146	9.987		10.177A		8.897A	31
MEAN	7.909	6.940	5.970	5.652	8.036	9.602	10.236	10.005	10.021	10.109	10.168	9.570	MEAN
MAX	8.339	7.471	6.398	6.345	9.917	10.450	10.551	10.121	10.197	10.229	10.290	9.985	MAX
MIN	7.455	6.404	5.566	5.323	6.496	8.943	10.032	9.865	9.868	9.864	9.994	8.897	MIN

WATER LEVELS IN METRES

MEAN, 8.697
MAXIMUM DAILY, 10.551 ON JUL 2
MINIMUM DAILY, 5.323 ON APR 19
MAXIMUM INSTANTANEOUS,
10.564 AT 14:20 PST ON JUL 2

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 28 N
LONG 118 32 13 W

A - MANUAL GAUGE

REGULATED

SUKUNKA RIVER ABOVE CHAMBERLAIN CREEK - STATION NO. 07FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.30B	8.70B	8.80B	8.98B	43.5E	167	34.8	19.1 E	5.55	19.3	22.3B	10.5 B	1
2	9.25B	8.70B	8.60B	9.00B	46.5E	145	34.7	17.6 E	6.50	21.9	21.0B	10.9 B	2
3	9.25B	8.70B	8.40B	9.00B	42.0E	128	36.0	16.2 E	6.37	14.7	20.0B	10.3 B	3
4	9.25B	8.80B	8.30B	9.15B	47.0E	124	35.8	15.3 E	6.42	11.9	20.4B	9.10B	4
5	9.20B	8.70B	8.30B	9.35B	56.7A	96.4	29.3	14.3 E	6.28	10.1	21.0B	8.45B	5
6	9.20B	8.60B	8.40B	9.40B	63.2	84.7	27.1	13.2 E	6.31	9.06	20.9B	7.70B	6
7	9.10B	8.50B	8.60B	9.40B	65.3	78.0	25.6	12.5 E	6.68	8.08	21.3B	6.90B	7
8	9.00B	8.40B	8.80B	9.30B	77.5	66.9	23.3	11.7 E	6.32	7.27	20.9B	6.30B	8
9	9.00B	8.40B	9.00B	9.14B	90.2	60.6	24.3	11.0 E	5.90	6.71	30.0B	6.00B	9
10	9.05B	8.38B	9.15B	9.00B	103	57.9	25.6	10.5 E	5.59	6.30	52.0B	5.65B	10
11	9.10B	8.40B	9.40B	8.98B	88.5	59.2	26.4	10.0 E	5.45	6.03	43.5B	5.45B	11
12	9.10B	8.45B	9.45B	8.96B	91.0	65.3	25.3	9.40E	5.07	5.69	56.0B	5.25B	12
13	9.00B	8.60B	9.60B	8.93B	110	66.1	23.9	8.90E	4.72	5.43	55.0B	5.15B	13
14	8.80B	8.75B	9.60B	8.90B	127	65.5	24.9	8.42E	4.36	5.32	44.0B	5.30B	14
15	8.60B	8.80B	9.50B	8.94B	126	65.7	23.8	8.00E	4.13	6.49	35.0B	5.55B	15
16	8.50B	8.80B	9.40B	9.00B	115	63.0	24.2	7.75E	4.02	11.7	28.5B	5.75B	16
17	8.50B	8.75B	9.20B	9.30B	133	57.0	24.9	7.45E	3.71	14.2	25.5B	6.05B	17
18	8.60B	8.70B	9.00B	10.1 B	148	49.0	24.0	7.12E	3.67	13.1	24.5B	6.40B	18
19	8.75B	8.65B	8.90B	11.6 B	175	45.7	23.4	6.90E	3.62	11.7	22.5B	6.55B	19
20	9.74B	8.70B	8.80B	15.0 B	191	48.4	22.8	6.60E	3.19	10.0	20.2B	6.60B	20
21	11.0 B	8.80B	8.80B	20.0 E	212	45.8	22.8A	6.35E	2.98	8.62A	17.5B	6.35B	21
22	13.5 B	8.70B	8.80B	26.2 E	266	43.5	23.6E	6.20E	2.89	8.55B	15.5B	6.18B	22
23	13.0 B	8.60B	8.90B	35.0 E	216	41.0	24.5E	6.03E	2.83	8.57B	14.3B	6.09B	23
24	12.0 B	8.50B	9.10B	51.0 E	199	41.5	25.0E	6.00E	2.82	8.65B	14.2B	6.20B	24
25	10.5 B	8.60B	9.20B	48.0 E	197	41.0	23.5E	6.25E	2.63	8.80B	14.2B	6.10B	25
26	10.0 B	8.60B	9.30B	44.0 E	224	39.8	22.3E	6.64A	2.40	9.30B	12.8B	5.50B	26
27	9.50B	8.80B	9.40B	40.5 E	182	36.8	22.0E	6.41	2.35	9.35B	11.8B	4.70B	27
28	9.20B	9.00B	9.40B	36.7 E	137	35.5	22.1E	6.43	2.54	9.40B	11.8B	3.60B	28
29	8.90B		9.30B	38.3 E	130	38.6	22.4E	6.40	3.30	9.90B	11.3B	3.00B	29
30	8.60B		9.20B	40.6 E	144	40.8	21.9E	5.80	3.87	12.0 B	10.4B	2.50B	30
31	8.60B		9.00B		175		20.6E	5.36		15.0 B		2.25B	31
TOTAL	295.09	242.08	279.60	571.73	4 021.4	1 997.7	790.8	289.81	132.47	313.12	738.3	192.32	TOTAL
MEAN	9.52	8.65	9.02	19.1	130	66.6	25.5	9.35	4.42	10.1	24.6	6.20	MEAN
MAX	13.5	9.00	9.60	51.0	266	167	36.0	19.1	6.68	21.9	56.0	10.9	MAX
MIN	8.50	8.38	8.30	8.90	42.0	35.5	20.6	5.36	2.35	5.32	10.4	2.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.0
MAXIMUM DAILY, 266 ON MAY 22
MINIMUM DAILY, 2.25B ON DEC 31
MAXIMUM INSTANTANEOUS,
289 AT 06:52 PST ON MAY 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 14 N
LONG 121 45 30 W
DRAINAGE AREA, 927 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 500	JUL	68 300
FEB	20 900	AUG	25 000
MAR	24 200	SEP	11 400
APR	49 400	OCT	27 100
MAY	347 000	NOV	63 800
JUN	173 000	DEC	16 600

TOTAL DISCHARGE, 852 000 dam³

SUKUNKA RIVER NEAR THE MOUTH - STATION NO. 07FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.1B	16.7B	19.9B	20.0B	106 E	404	85.5	34.0	9.48	25.4	54.7	22.4 B	1
2	15.1B	16.8B	19.7B	19.9B	110 E	351	81.1	30.7	11.3	54.8	47.2	22.9 B	2
3	15.1B	16.9B	19.1B	19.8B	99.6A	303	82.0	28.4	11.6	34.6	41.5	21.7 B	3
4	15.2B	16.9B	19.0B	20.1B	105	299	82.2	27.1	11.4	26.3	43.1	19.7 B	4
5	15.1B	16.9B	19.0B	20.4B	113	248	70.4	25.5 A	11.8	22.0	45.4	17.3 B	5
6	15.0B	16.6B	19.1B	20.5B	127	212	62.6	24.2 E	11.4	19.2	44.1	15.8 B	6
7	14.9B	16.6B	19.2B	20.4B	137	195	57.5	22.5 E	11.4	18.6	47.2	14.6 B	7
8	14.7B	16.8B	19.6B	20.2B	184	170	51.6	20.9 E	11.6	17.9	43.5	13.7 B	8
9	14.6B	17.0B	20.5B	20.0B	235	153	45.6	19.8 E	10.6	17.0	64.0	12.9 B	9
10	14.5B	17.2B	21.0B	19.7B	241	144	42.9	18.5 E	9.76	16.5	92.0	12.1 B	10
11	14.5B	17.4B	21.7B	19.3B	206	146	40.6	17.5 E	9.65	15.7	79.2	11.3 B	11
12	14.2B	17.9B	22.0B	19.0B	202	152	41.8	16.3 E	9.16	15.0	102	10.8 B	12
13	14.0B	18.5B	22.3B	19.0B	238	153	47.0	15.5 E	8.76	14.4	100	10.0 B	13
14	13.7B	19.5B	22.3B	18.9B	288	151	52.7	14.9 E	8.68	13.8	81.6	10.1 B	14
15	13.4B	20.0B	22.4B	18.9B	265	152	52.2	14.1 E	8.74	14.5	68.8	10.6 B	15
16	13.2B	20.4B	22.0B	19.0B	237	150	47.2	13.4 E	8.26	19.9	59.7	11.3 B	16
17	13.3B	20.5B	21.5B	19.5B	269	137	43.7	12.8 E	7.90	29.3	53.8B	12.0 B	17
18	13.5B	20.3B	21.0B	20.4B	308	121	43.1	12.1 E	7.86	28.3	50.2B	12.8 B	18
19	14.0B	19.8B	20.3B	21.8B	367	114	44.5	11.7 E	7.76	25.3	46.0B	13.6 B	19
20	16.0B	20.0B	20.0B	25.0B	395	118	47.7	11.1 E	7.65	23.7	41.0B	14.0 B	20
21	23.0B	20.0B	19.7B	37.0E	430	112	51.2	10.6 E	7.58	20.8	36.5B	13.7 B	21
22	25.0B	19.7B	19.8B	54.0E	628	106	47.6	10.2 E	7.36	22.9	32.0B	12.9 B	22
23	24.5B	19.7B	20.0B	78.0E	581	101	48.3	9.90E	7.26	21.1	29.2B	12.6 B	23
24	23.0B	19.8B	20.4B	123 E	459	99.8	49.1	9.60E	7.51	22.0	29.6B	12.8 B	24
25	20.5B	19.9B	20.7B	112 E	465	97.7	45.3	9.30E	7.63	21.0	29.5B	13.2 B	25
26	18.7B	20.0B	21.0B	102 E	585	94.0	40.7	9.40E	7.81	21.7	25.8B	13.0 B	26
27	18.0B	20.3B	21.2B	92.0E	480	87.0	38.3	9.80E	7.71	22.4	24.2B	11.8 B	27
28	17.4B	20.3B	21.3B	87.5E	350	82.8	37.8	10.3 A	7.66	22.3	24.4B	10.5 B	28
29	17.0B		21.0B	93.0E	320	85.1	39.2	10.3	8.45	23.1	24.0B	9.20B	29
30	16.6B		20.5B	99.0E	335	99.6	38.6	10.3	9.52A	24.4	21.5B	8.00B	30
31	16.6B		20.2B		387		36.2	9.61		27.3		7.20B	31
TOTAL	509.4	522.4	637.4	1 279.3	9 252.6	4 838.0	1 594.2	500.31	273.25	702.2	1 481.7	414.50	TOTAL
MEAN	16.4	18.7	20.6	42.6	298	161	51.4	16.1	9.11	22.7	49.4	13.4	MEAN
MAX	25.0	20.5	22.4	123	628	404	85.5	34.0	11.8	54.8	102	22.9	MAX
MIN	13.2	16.6	19.0	18.9	99.6	82.8	36.2	9.30	7.26	13.8	21.5	7.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.3
MAXIMUM DAILY, 628 ON MAY 22
MINIMUM DAILY, 7.20B ON DEC 31
MAXIMUM INSTANTANEOUS,
684 AT 17:16 PST ON MAY 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 34 N
LONG 121 37 28 W
DRAINAGE AREA, 2 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 000	JUL	138 000
FEB	45 100	AUG	43 200
MAR	55 100	SEP	23 600
APR	111 000	OCT	60 700
MAY	799 000	NOV	128 000
JUN	418 000	DEC	35 800

TOTAL DISCHARGE, 1 900 000 dam³

SULLIVAN CREEK NEAR CANYON - STATION NO. 08NN115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.060E	0.037E	0.034	0.046E	0.250	0.297E	0.159E	0.072E	0.044	0.029E	0.022	0.021E	1
2	0.058E	0.036E	0.034E	0.045E	0.243E	0.273E	0.157E	0.070	0.042E	0.029	0.022E	0.020E	2
3	0.056E	0.035E	0.034E	0.044	0.236	0.250	0.155E	0.069E	0.040E	0.028E	0.022E	0.020	3
4	0.050	0.034E	0.034E	0.043E	0.196	0.241E	0.153E	0.067E	0.038E	0.026	0.022E	0.021E	4
5	0.047E	0.033E	0.034E	0.042E	0.187	0.231	0.151E	0.065E	0.036	0.025E	0.022E	0.021E	5
6	0.045E	0.032E	0.034E	0.041E	0.178E	0.218E	0.150	0.063E	0.035E	0.027E	0.022	0.022	6
7	0.043E	0.031E	0.034E	0.040E	0.161	0.204	0.141E	0.061	0.034E	0.029E	0.022E	0.022E	7
8	0.040E	0.030E	0.034	0.039	0.157E	0.204	0.132E	0.056E	0.033E	0.031E	0.022	0.022E	8
9	0.038E	0.029E	0.034E	0.038E	0.153E	0.211E	0.123E	0.050	0.031	0.033E	0.022E	0.022E	9
10	0.036E	0.028E	0.034E	0.036E	0.150	0.217	0.115	0.048E	0.031E	0.032E	0.023E	0.022E	10
11	0.034	0.027E	0.034E	0.035E	0.170E	0.222E	0.114E	0.047	0.030E	0.031	0.023E	0.022E	11
12	0.033E	0.026	0.034E	0.034	0.191	0.227	0.113E	0.046E	0.029	0.030E	0.023E	0.022E	12
13	0.033E	0.028E	0.034	0.038E	0.260E	0.227E	0.112E	0.045E	0.028E	0.029E	0.023E	0.022	13
14	0.032E	0.030E	0.035E	0.042E	0.329	0.227	0.111	0.045E	0.027E	0.028E	0.024E	0.022E	14
15	0.031	0.032E	0.036E	0.046E	0.348E	0.230E	0.108	0.044E	0.026	0.027E	0.024	0.022E	15
16	0.031E	0.035E	0.038E	0.050	0.340E	0.233E	0.106E	0.043E	0.026E	0.026E	0.024E	0.022E	16
17	0.030E	0.038E	0.039	0.057E	0.284	0.236	0.104	0.043E	0.026E	0.025E	0.025E	0.022E	17
18	0.029	0.040E	0.040E	0.066E	0.260E	0.262E	0.103E	0.042E	0.026E	0.024	0.025E	0.022E	18
19	0.031E	0.043E	0.041E	0.073	0.250E	0.289	0.101E	0.041	0.026E	0.026	0.026E	0.022E	19
20	0.033E	0.046E	0.042E	0.103E	0.259	0.311E	0.100E	0.041E	0.026	0.026E	0.026E	0.022	20
21	0.035E	0.043E	0.043E	0.133E	0.271E	0.334	0.098E	0.041E	0.027E	0.025E	0.026	0.022E	21
22	0.037E	0.041	0.044	0.162E	0.284	0.306E	0.097	0.041	0.028E	0.024E	0.026E	0.022E	22
23	0.040E	0.040E	0.045E	0.191	0.279	0.278E	0.093E	0.039E	0.029	0.023E	0.025E	0.021E	23
24	0.042E	0.039E	0.046E	0.210E	0.320E	0.250	0.090E	0.036E	0.026	0.023E	0.025E	0.021E	24
25	0.044	0.038E	0.046E	0.190E	0.365E	0.227E	0.087	0.034	0.027E	0.022	0.024E	0.021E	25
26	0.043E	0.037E	0.047E	0.161	0.420E	0.204	0.084E	0.034E	0.028E	0.022E	0.024E	0.021E	26
27	0.042E	0.036E	0.048E	0.150E	0.376	0.194E	0.082E	0.035E	0.029	0.022E	0.023E	0.020E	27
28	0.041E	0.035E	0.049E	0.170	0.345E	0.183E	0.079E	0.036E	0.029E	0.022E	0.023E	0.020E	28
29	0.040E		0.050	0.196E	0.313	0.172E	0.077	0.036	0.029	0.022E	0.022	0.020E	29
30	0.039E		0.048E	0.223E	0.317E	0.161	0.075E	0.039E	0.029E	0.022E	0.021E	0.020	30
31	0.038E		0.047E		0.319		0.074E	0.041E		0.022E		0.020E	31
TOTAL	1.231	0.979	1.226	2.744	8.207	7.119	3.444	1.470	0.915	0.810	0.703	0.661	TOTAL
MEAN	0.040	0.035	0.040	0.091	0.265	0.237	0.111	0.047	0.031	0.026	0.023	0.021	MEAN
MAX	0.060	0.046	0.050	0.223	0.420	0.334	0.159	0.072	0.044	0.033	0.026	0.022	MAX
MIN	0.029	0.026	0.034	0.034	0.150	0.161	0.074	0.034	0.026	0.022	0.021	0.020	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 0.420E ON MAY 26
MINIMUM DAILY, 0.020E ON DEC 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 06 14 N
LONG 116 25 35 W
DRAINAGE AREA, 6.22 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	106	JUL	298
FEB	84.6	AUG	127
MAR	106	SEP	79.1
APR	237	OCT	70.0
MAY	709	NOV	60.7
JUN	615	DEC	57.1

TOTAL DISCHARGE, 2 550 dam³

SUMAS RIVER AT MCDERMOT ROAD - STATION NO. 08MH133

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.065	1.482	1.564	1.540	1.849	1.648	1.627	1.994	1.791	1.354	2.532	1.672	1
2	2.815	1.442	1.526	1.492	1.776	1.661	1.717	1.993	1.697	1.819	2.349	1.941	2
3	2.623	1.451	1.541	1.495	1.839	1.664	1.882	1.985	1.559	1.509	2.138	1.939	3
4	2.435	1.445	1.551	1.431	1.870	1.675	1.924	1.896	1.449	1.352	2.007	1.839	4
5	2.290	1.433	1.499	1.512	1.826	1.702	1.888	1.936	1.427	1.329	1.997	2.013	5
6	2.169	1.394	1.483	1.494	1.787	1.699	1.849	2.097	1.433	1.650	1.967	2.149	6
7	2.054	1.368	1.472	1.453	1.696	1.631	1.771	2.227	1.433	2.216	1.904	1.995	7
8	1.978	1.352	1.415	1.440	1.637	1.634	1.644	2.201	1.442	1.963	1.860	1.901	8
9	1.913	1.402	1.398	1.409	1.793	1.607	1.513	2.169	1.408	1.850	1.806	1.939	9
10	1.848	1.345	1.374	1.380	1.761	1.557	1.612	2.173	1.378	1.727	1.788	2.373	10
11	1.787	1.312	1.342	1.448	1.747	1.835	1.694	2.245	1.377	1.611	1.910	2.320	11
12	1.714	1.293	1.332	1.493	1.766	2.108	1.763	2.313	1.362	1.537	2.526	2.146	12
13	1.643	1.420	1.298	1.459	1.501	1.914	1.825	2.359	1.362	1.503	2.491	1.985	13
14	1.597	1.722	1.298	1.420	1.461	1.691	1.880	2.393	1.403	1.483	2.389	1.903	14
15	1.564	1.933	1.310	1.404	1.452	1.625	1.916	2.338	1.413	1.472	2.559	1.932	15
16	1.565	2.441	1.326	1.451	1.450	1.582	1.932	2.349	1.422	1.446	2.521	1.831	16
17	1.581	2.835	1.309	1.468	1.476	1.574	1.953	2.389	1.389	1.416	2.380	1.745	17
18	1.599	2.697	1.305	1.433	1.472	1.533	1.993	2.434	1.338	1.383	2.353	1.711	18
19	1.613	2.742	1.304	1.423	1.472	1.531	1.980	2.389	1.288	1.348	2.322	1.904	19
20	1.600	2.604	1.312	1.428	1.469	1.622	1.968	2.348	1.292	1.332	2.201	1.974	20
21	1.645	2.303	1.297	1.450	1.444	1.917	1.983	2.291	1.374	1.309	2.137	1.787	21
22	1.797	2.121	1.293	1.623	1.425	2.063	1.959	2.212	1.349	1.272	2.140	1.667	22
23	1.886	2.006	1.312	2.241	1.454	2.286	1.929	2.146	1.350	1.248	2.052	1.608	23
24	1.828	1.907	1.308	2.584	1.515	2.472	1.887	2.135	1.331	1.240	1.987	1.612	24
25	1.758	1.821	1.339	2.407	1.534	2.461	1.885	2.060	1.303	1.244	1.894	1.611	25
26	1.796	1.751	1.345	2.144	1.495	2.282	1.946	1.976	1.279	1.319	1.867	1.659	26
27	1.718	1.666	1.305	2.141	1.548	1.984	1.987	1.896	1.301	1.508	1.799	1.707	27
28	1.694	1.613	1.278	2.046	1.535	1.685	1.986	1.835	1.394	1.960	1.691	1.667	28
29	1.599		1.361	1.799	1.546	1.676	1.989	1.821	1.350	2.061	1.674	1.609	29
30	1.545		1.442	1.920	1.651	1.627	1.996	1.790	1.275	1.873	1.619	1.548	30
31	1.508		1.525		1.650		1.996	1.735		2.059		1.543	31
MEAN	1.878	1.796	1.379	1.648	1.610	1.798	1.867	2.133	1.399	1.561	2.095	1.846	MEAN
MAX	3.065	2.835	1.564	2.584	1.870	2.472	1.996	2.434	1.791	2.216	2.559	2.373	MAX
MIN	1.508	1.293	1.278	1.380	1.425	1.531	1.513	1.735	1.275	1.240	1.619	1.543	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.751
MAXIMUM DAILY, 3.065 ON JAN 1
MINIMUM DAILY, 1.240 ON OCT 24
MAXIMUM INSTANTANEOUS,
3.202 AT 00:01 PST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 32 N
LONG 122 09 44 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 0.424 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMAS RIVER NEAR HUNTINGDON - STATION NO. 08MN029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8	3.62	4.33	7.22	5.23	2.37	3.40	1.71	1.32	1.91	8.84	4.45	1
2	9.42	3.44	4.03	5.73	4.89	2.26	3.18	1.67	1.27	3.95	7.84	6.61	2
3	7.47	3.29	4.20	5.02	5.00	2.24	2.97	1.64	1.19	3.06	5.10	6.85	3
4	6.40	3.15	5.11	4.52	4.78	2.27	2.81	1.61	1.17	2.08	4.07	5.94	4
5	5.72	3.05	4.47	4.42	4.34	2.44	2.66	1.56	1.16	1.82	3.57	5.55	5
6	5.27	2.95	4.05	4.51	3.97	3.74	2.54	1.50	1.15	2.54	3.26	6.67	6
7	4.91	2.86	3.82	4.01	3.78	3.59	2.57	1.44	1.13	4.54	3.01	6.95	7
8	4.65	2.80	3.62	3.80	3.68	3.12	2.63	1.39	1.12	4.42	2.84	6.01	8
9	4.76	2.74	3.44	3.69	3.88	4.08	2.46	1.40	1.09	4.19	2.70	5.86	9
10	4.46	2.53	3.30	3.66	3.96	8.61	2.37	1.35	1.13	3.58	2.63	10.5	10
11	4.17	2.50	3.19	4.11	3.62	16.3	2.32	1.25	1.09	2.84	2.79	12.4	11
12	3.95	2.84	3.12	5.86	3.37	12.8	2.28	1.21	1.08	2.42	5.66	8.22	12
13	3.75	5.60	3.02	5.65	3.16	7.30	2.25	1.18	1.07	2.20	5.88	6.00	13
14	3.61	8.17	2.94	4.89	3.08	6.43	2.26	1.16	1.07	2.10	4.76	6.13	14
15	3.49	8.81	2.89	4.50	3.03	5.15	2.20	1.13	1.04	2.01	6.09	6.75	15
16	3.37	11.1	3.40	4.66	2.87	4.59	2.12	1.16	1.03	1.93	6.41	6.18	16
17	3.27	15.4	3.31	4.40	2.75	4.20	2.06	1.15	1.03	1.87	6.23	5.19	17
18	3.29	12.5	3.01	3.88	2.68	4.97	2.12	1.03	1.05	1.84	11.0	4.74	18
19	3.47	10.3	2.83	3.55	2.74	8.40	2.39	1.02	1.13	1.81	11.2	6.91	19
20	3.30	9.56	2.73	3.30	2.72	8.12	2.56	1.05	1.16	1.78	8.27	8.02	20
21	3.35	8.32	2.65	3.32	2.60	6.26	2.37	1.07	1.27	1.73	6.57	5.90	21
22	3.48	7.33	2.69	5.01	2.48	7.50	2.24	1.06	1.26	1.71	6.24	4.97	22
23	4.00	6.15	2.91	7.67	2.40	8.66	2.16	1.09	1.21	1.71	7.17	4.49	23
24	4.43	5.48	3.51	7.34	2.38	8.28	2.07	1.09	1.26	1.69	7.51	4.70	24
25	4.02	5.95	3.68	6.90	2.85	5.92	1.99	1.04	1.33	1.69	6.15	5.30	25
26	3.94	6.03	4.48	4.99	3.42	4.68	1.93	1.06	1.26	1.87	5.67	5.84	26
27	4.22	5.28	3.84	4.26	2.92	4.07	1.86	1.04	1.34	2.89	4.88	6.93	27
28	4.06	4.68	3.41	5.52	2.62	3.69	1.80	1.03	1.63	5.10	4.26	5.86	28
29	4.03		4.80	7.97	2.45	3.51	1.78	1.05	1.54	8.18	3.96	5.16	29
30	4.27		7.30	6.96	2.45	3.45	1.79	1.10	1.38	5.78	4.00	4.60	30
31	3.91		7.26		2.48		1.76	1.15		6.01		4.23	31
TOTAL	145.24	166.43	117.34	151.32	102.58	169.00	71.90	38.39	35.96	91.25	168.56	193.91	TOTAL
MEAN	4.69	5.94	3.79	5.04	3.31	5.63	2.32	1.24	1.20	2.94	5.62	6.26	MEAN
MAX	12.8	15.4	7.30	7.97	5.23	16.3	3.40	1.71	1.63	8.18	11.2	12.4	MAX
MIN	3.27	2.50	2.65	3.30	2.38	2.24	1.76	1.02	1.03	1.69	2.63	4.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.98
MAXIMUM DAILY, 16.3 ON JUN 11
MINIMUM DAILY, 1.02 ON AUG 19
MAXIMUM INSTANTANEOUS,
17.3 AT 19:05 PST ON JUN 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 09 N
LONG 122 13 50 W
DRAINAGE AREA, 149 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 500	JUL	6 210
FEB	14 800	AUG	3 320
MAR	10 100	SEP	3 110
APR	13 100	OCT	7 880
MAY	8 860	NOV	14 600
JUN	14 600	DEC	16 800

TOTAL DISCHARGE, 125 000 dam³

SUMMERS CREEK BELOW DILLARD CREEK - STATION NO. 08NL054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.694	1.18	0.799	0.623E	0.063	---	---	---	1
2	---	---	---	---	0.915E	1.04	0.733	0.611	0.067	---	---	---	2
3	---	---	---	---	1.14 E	1.00	0.701	0.583	0.070	---	---	---	3
4	---	---	---	---	1.35	0.926	0.699E	0.543	0.070	---	---	---	4
5	---	---	---	---	1.22	0.834	0.699E	0.543	0.062E	---	---	---	5
6	---	---	---	---	1.18	0.828E	0.701	0.529	0.057E	---	---	---	6
7	---	---	---	---	1.14	0.810E	0.733	0.515	0.048	---	---	---	7
8	---	---	---	---	1.10	0.799	0.733	0.454	0.043	---	---	---	8
9	---	---	---	---	1.16 E	0.981	0.733	0.405E	0.035	---	---	---	9
10	---	---	---	---	1.23 E	0.944	0.816	0.374	0.023	---	---	---	10
11	---	---	---	---	1.29	0.908	0.852E	0.344	0.020	---	---	---	11
12	---	---	---	---	1.46	0.816	0.889E	0.278	0.018E	---	---	---	12
13	---	---	---	---	1.31	1.16 E	0.944	0.212	0.016E	---	---	---	13
14	---	---	---	---	1.22	1.50 E	0.981	0.229E	0.015	---	---	---	14
15	---	---	---	---	2.04	1.83	1.10	0.237	0.011	---	---	---	15
16	---	---	---	---	2.09 E	1.64	1.14	0.212E	0.010	---	---	---	16
17	---	---	---	---	2.14 E	1.51	1.33	0.191	0.010	---	---	---	17
18	---	---	---	---	2.19	1.44	1.48 E	0.136	0.010	---	---	---	18
19	---	---	---	---	2.30	1.37	1.53 E	0.085	0.010E	---	---	---	19
20	---	---	---	---	2.27	1.35 E	1.57	0.048	0.010	---	---	---	20
21	---	---	---	---	2.33	1.33 E	1.35	0.038	0.011	---	---	---	21
22	---	---	---	---	2.25	1.31	1.25	0.037E	0.011	---	---	---	22
23	---	---	---	---	2.29 E	1.29	1.10	0.034E	0.014	---	---	---	23
24	---	---	---	---	2.33	1.20	1.04 E	0.033	0.015	---	---	---	24
25	---	---	---	---	2.17	1.18	0.983E	0.028	0.017	---	---	---	25
26	---	---	---	---	2.11	1.10	0.926E	0.028	0.018E	---	---	---	26
27	---	---	---	---	1.83	1.06 E	0.889	0.025	0.019E	---	---	---	27
28	---	---	---	---	1.55	1.02 E	0.889	0.025	0.020	---	---	---	28
29	---		---	---	1.29	0.981	0.783	0.028E	0.028	---	---	---	29
30	---		---	---	1.25 E	0.892E	0.668	0.033	0.048	---	---	---	30
31	---		---		1.22 E		0.638	0.035		---		---	31
TOTAL	---	---	---	---	50.059	34.225	29.679	7.496	0.869	---	---	---	TOTAL
MEAN	---	---	---	---	1.61	1.14	0.957	0.242	0.029	---	---	---	MEAN
MAX	---	---	---	---	2.33	1.83	1.57	0.623	0.070	---	---	---	MAX
MIN	---	---	---	---	0.694	0.799	0.638	0.025	0.010	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 53 N
LONG 120 29 48 W
DRAINAGE AREA, 123 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 560
FEB	---	AUG	648
MAR	---	SEP	75.1
APR	---	OCT	---
MAY	4 330	NOV	---
JUN	2 960	DEC	---

SUMMERS CREEK NEAR THE MOUTH - STATION NO. 08NL053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.292	0.294	2.25	3.34	1.87	1.77	0.569	---	---	---	1
2	---	---	---	0.294	2.22	3.16	1.82	1.84	0.540	---	---	---	2
3	---	---	---	0.294	2.18	3.06	1.70	1.90	0.545	---	---	---	3
4	---	---	---	0.294	2.10	2.88	1.56	1.99	0.536	---	---	---	4
5	---	---	---	0.294	2.00	2.59	1.63	1.86	0.512	---	---	---	5
6	---	---	---	0.294	1.84	2.33	1.67	1.72	0.492	---	---	---	6
7	---	---	---	0.294	1.79	2.40	1.72	1.42	0.478	---	---	---	7
8	---	---	---	0.294	1.64	2.55	1.77	1.26	0.468	0.414	---	---	8
9	---	---	---	0.284	1.66	2.52	1.80	1.19	0.459	---	---	---	9
10	---	---	---	0.278	1.67	2.52	1.72	1.13	0.449	---	---	---	10
11	---	---	---	0.272	1.69	2.54	1.94	1.03	0.440	---	---	---	11
12	---	---	---	0.272	1.69	2.56	1.92	0.973	0.435	---	---	---	12
13	---	---	---	0.278	1.68	2.56	1.90	0.954	0.430	---	---	---	13
14	0.312	---	---	0.281	1.66	2.64	1.87	0.935	0.425	---	---	---	14
15	---	---	---	0.278	1.67	2.71	1.86	0.916	0.411	---	---	---	15
16	---	---	---	0.320	1.66	2.82	1.93	0.907	0.401	---	---	---	16
17	---	---	---	0.401	1.95	2.90	1.99	0.879	0.396	---	---	---	17
18	---	---	---	0.425	2.23	2.88	2.01	0.848	0.392	---	---	---	18
19	---	---	---	0.516	2.68	2.85	2.07	0.835	0.382	---	---	---	19
20	---	---	---	0.562	3.29	2.84	2.11	0.786	0.377	---	---	---	20
21	---	---	---	0.643	3.85	2.77	2.14	0.792	0.377	---	---	---	21
22	---	---	---	0.686	4.00	2.64	2.17	0.755	0.372	---	---	---	22
23	---	---	---	0.742	4.38	2.55	2.20	0.748	0.358	---	---	---	23
24	---	---	---	0.945	4.57	2.44	2.20	0.724	0.348	---	---	---	24
25	---	---	---	1.12	4.55	2.40	2.23	0.717	0.348	---	---	---	25
26	---	---	---	1.26	4.54	2.30	2.24	0.693	0.329	---	---	---	26
27	---	---	---	1.46	4.52	2.23	2.25	0.678	0.320	---	---	---	27
28	---	---	---	1.77	4.34	2.10	2.25	0.655	0.315	---	---	---	28
29	---		---	1.99	3.83	2.10	2.27	0.643	0.310	---	---	---	29
30	---		---	2.10	3.57	2.08	2.28	0.618	0.310	---	---	---	30
31	---		---		3.40		2.28	0.606		---		---	31
TOTAL	---	---	---	19.235	85.10	78.26	61.37	32.768	12.524	---	---	---	TOTAL
MEAN	---	---	---	0.641	2.75	2.61	1.98	1.06	0.417	---	---	---	MEAN
MAX	---	---	---	2.10	4.57	3.34	2.28	1.99	0.569	---	---	---	MAX
MIN	---	---	---	0.272	1.64	2.08	1.56	0.606	0.310	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.57 ON MAY 24

DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 32 07 N
LONG 120 30 55 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 300
FEB	---	AUG	2 830
MAR	---	SEP	1 080
APR	1 660	OCT	---
MAY	7 350	NOV	---
JUN	6 760	DEC	---

SURPRISE CREEK NEAR THE MOUTH - STATION NO. 08DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.46B	2.75B	2.30B	3.00	10.7	45.4E	41.7	35.5	15.8	22.4	7.44	3.32	1
2	2.40B	2.70B	2.20B	3.04	10.8	50.0E	42.2	38.1	13.3	13.5	6.64	3.18	2
3	2.31B	2.64B	2.16B	2.99	11.7	51.2E	55.3	44.5	12.4	10.6	5.82	3.00	3
4	2.27B	2.53B	2.09B	2.96	13.8	48.5E	42.7	45.6	12.3	9.45	5.57	2.99	4
5	2.21B	2.49B	2.06B	2.89	16.9	43.2E	35.7	70.7	16.5	8.47	13.7	2.84	5
6	2.19B	2.40B	2.02B	2.67A	20.9	40.8E	31.5	49.4	31.4	10.2	16.7	2.60	6
7	2.16B	2.32B	2.00B	2.38	24.8	39.0E	30.4	45.6	28.2	13.8	10.4	2.51	7
8	2.11B	2.28B	1.97B	2.37	29.6	37.3E	31.7	44.0	69.3	14.8	8.71	2.02	8
9	2.10B	2.20B	1.94B	2.40	31.1	36.1E	33.5	38.5	76.4	10.8	8.38	1.93B	9
10	2.10B	2.15B	1.89B	2.24	23.7	40.5E	41.0	41.6	70.0	9.64	9.55	1.83B	10
11	2.10B	2.09B	1.87B	2.11	22.1	40.7	50.4	34.8	69.9	8.33	24.8	1.78B	11
12	2.11B	2.02B	1.86B	1.94	21.6	50.6	59.9	28.5	31.1	7.51	23.0	1.70B	12
13	2.12B	2.00B	1.84B	1.88	22.0	54.5	62.0	26.3	20.8	7.63	14.1	1.62B	13
14	2.13B	2.20B	1.83B	1.92	24.7	54.5	66.5	28.0	37.9	10.8	10.7	1.59B	14
15	2.20B	2.38B	1.81B	2.04	28.6	49.9	67.1	29.0	68.0	22.6	9.15	1.55B	15
16	2.30B	2.60B	1.80B	2.14	30.7	42.1	63.3	24.5	35.7	18.2	8.06	1.50B	16
17	2.45B	2.82B	1.79B	2.36	30.1	36.9	61.2	21.5	29.8	13.2	7.15	1.48B	17
18	2.60B	3.07B	1.79B	2.32	33.3	36.0	67.1	21.7	33.3	10.8	6.54	1.45B	18
19	2.79B	3.37B	1.80B	2.68	36.0	45.4	72.7	22.2	21.9	12.5	6.27	1.41B	19
20	2.94B	3.46B	1.81B	3.80	37.1	42.9	60.5	23.0	15.6	10.2	6.12	1.39B	20
21	3.18B	3.31B	1.83B	4.58	36.6	42.3	49.2	30.1	12.4	9.21	7.64	1.36B	21
22	3.46B	3.20B	1.84B	4.42	36.6	42.1	45.9	22.5	12.6	8.01	6.92	1.34B	22
23	3.36B	3.02B	1.87B	4.02	35.9	46.2	49.2	17.8	10.9	8.82	6.40	1.31B	23
24	3.31B	2.88B	1.96	4.50	49.9	48.4	49.5	25.5	10.4	13.9	5.62	1.30B	24
25	3.25B	2.76B	2.60	4.83	56.6	44.4	55.6	44.5	9.81	14.8	4.98	1.28B	25
26	3.20B	2.61B	2.74	4.85	50.6	39.2	54.4	36.3	8.73	10.6	4.06	1.25B	26
27	3.10B	2.55B	2.87	4.86	44.9	38.5	47.0	23.9	7.97	9.82	4.25	1.25B	27
28	3.00B	2.44B	3.31	4.89	40.5A	37.7	43.8	21.1	7.82	8.63	4.20	1.24B	28
29	2.94B		3.37	5.66	46.0E	47.2	41.4	17.3	10.4	7.65	4.09	1.24B	29
30	2.88B		3.22	8.71	48.5E	45.6	38.1	19.6	34.8	6.91	3.56	1.22B	30
31	2.81B		3.00		43.0E		33.5	17.8		7.81		1.21B	31
TOTAL	80.54	73.24	67.44	101.45	969.3	1 317.1	1 524.0	989.4	835.43	359.59	260.52	55.69	TOTAL
MEAN	2.60	2.62	2.18	3.38	31.3	43.9	49.2	31.9	27.8	11.6	8.68	1.80	MEAN
MAX	3.46	3.46	3.37	8.71	56.6	54.5	72.7	70.7	76.4	22.6	24.8	3.32	MAX
MIN	2.10	2.00	1.79	1.88	10.7	36.0	30.4	17.3	7.82	6.91	3.56	1.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 76.4 ON SEP 9
MINIMUM DAILY, 1.21B ON DEC 31
MAXIMUM INSTANTANEOUS,
116 AT 14:45 PST ON SEP 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 35 N
LONG 129 28 33 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 960	JUL	132 000
FEB	6 330	AUG	85 500
MAR	5 830	SEP	72 200
APR	8 770	OCT	31 100
MAY	83 700	NOV	22 500
JUN	114 000	DEC	4 810

TOTAL DISCHARGE, 574 000 dam³

SWALWELL LAKE NEAR OKANAGAN CENTRE - STATION NO. 08NM062

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.518	3.328	3.786	3.618	---	2.694	---	---	---	1
2	---	---	2.576	---	---	---	---	---	---	---	---	---	2
3	---	---	---	2.527	3.490	3.752	3.603	3.645	2.682	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	2.792	---	---	---	3.673	3.719	---	3.642	---	---	---	---	5
6	---	---	---	2.545	---	---	3.563	---	---	---	2.286	---	6
7	---	---	---	---	3.749	---	3.554	3.633	2.515	---	---	---	7
8	---	---	---	2.551	---	3.694	3.551	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	2.438	2.088	---	---	9
10	---	2.609	---	2.554	---	3.688	3.581	3.536	---	---	---	---	10
11	---	---	---	---	3.807	---	---	3.414	2.316	---	---	---	11
12	---	---	---	---	---	3.703	---	3.475	---	---	---	---	12
13	---	---	2.530	2.560	3.810	---	3.612	---	---	---	2.377	---	13
14	---	---	---	---	---	---	---	3.353	2.246	---	---	2.384	14
15	---	---	---	2.566	3.825	3.688	3.658	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	2.240	2.103	---	---	16
17	---	---	---	---	---	---	3.673	3.261	---	---	---	---	17
18	---	---	---	---	3.840	3.658	---	---	2.222	---	---	---	18
19	---	---	2.499	---	---	3.658	---	3.200	---	---	---	---	19
20	---	---	---	2.594	3.840	---	3.642	---	---	---	2.402	---	20
21	---	---	---	---	3.840	---	---	3.094	2.164	---	---	---	21
22	2.749	---	---	2.667	3.856	3.642	3.636	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	2.134	2.210	2.408	---	23
24	---	---	---	2.728	---	3.642	3.636	2.902	---	---	---	---	24
25	---	---	---	---	3.840	---	---	---	2.128	---	---	---	25
26	---	---	---	---	---	3.633	---	2.865	---	---	---	---	26
27	---	2.627	2.515	2.963	3.825	---	3.627	---	---	---	2.414	---	27
28	---	---	---	---	---	---	---	2.774	2.088	---	---	---	28
29	---		---	3.109	3.810	3.627	3.609	---	---	---	---	---	29
30	---		---	---	---	---	---	---	2.073	2.249	---	2.393	30
31	---		---		---		3.597	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SWIFT CREEK ABOVE BARRETT CREEK - STATION NO. 08KA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	0.695B	0.530B	0.450B	---	---	---	---	---	---	4.52	0.550B	1
2	1.07 B	0.675B	0.525B	---	---	---	---	---	2.29A	---	3.87 A	0.518B	2
3	0.990B	0.665B	0.518B	---	---	---	---	---	2.77	---	3.80 E	0.495B	3
4	0.950B	0.650B	0.510B	---	---	---	---	---	3.89	---	3.72 E	0.460B	4
5	0.920B	0.635B	0.505B	---	---	12.2 A	---	---	2.67	---	3.70 E	0.440B	5
6	0.895B	0.620B	0.505B	---	---	12.6	---	---	2.35	---	3.65 E	0.409B	6
7	0.870B	0.605B	0.500B	---	---	9.47	---	---	2.20	---	3.60 E	0.398B	7
8	0.850B	0.595B	0.495B	---	---	7.86	---	---	2.11	---	3.63 E	0.385B	8
9	0.835B	0.585B	0.490B	---	---	7.25	---	---	2.02	---	4.25 E	0.370B	9
10	0.825B	0.570B	0.485B	---	---	7.02	---	---	1.87	---	4.60 E	0.362B	10
11	0.810B	0.565B	0.485B	---	---	7.09	---	---	1.78	---	5.10 E	0.353B	11
12	0.795B	0.560B	0.490B	---	---	6.66	---	---	1.69	---	3.70 E	0.346B	12
13	0.787B	0.555B	0.495B	---	---	7.49	---	---	1.56	---	3.55 E	0.340B	13
14	0.765B	0.560B	0.500B	---	---	9.06	---	---	1.44	---	3.42 E	0.333B	14
15	0.755B	0.565B	0.515B	---	---	9.80	---	---	1.39	---	3.32 E	0.330B	15
16	0.750B	0.575B	0.520B	---	---	9.43	---	---	1.48	---	3.14 E	0.328B	16
17	0.740B	0.580B	0.520B	---	---	---	---	---	1.49	---	2.70 B	0.322B	17
18	0.730B	0.590B	0.520B	---	---	---	---	---	1.56	---	2.27 B	0.325B	18
19	0.720B	0.590B	0.520B	---	---	---	---	---	---	---	2.10 B	0.350B	19
20	0.715B	0.590B	0.510B	---	---	---	---	---	---	---	1.75 B	0.440B	20
21	0.715B	0.585B	0.505B	---	---	---	---	---	---	0.623A	1.50 B	0.482B	21
22	0.715B	0.580B	0.495B	---	---	---	---	---	---	0.840	1.30 B	0.352B	22
23	0.720B	0.570B	0.485B	---	---	---	---	---	---	0.848	1.08 B	0.305B	23
24	0.730B	0.565B	0.480B	---	---	---	---	---	---	0.854	0.940B	0.295B	24
25	0.740B	0.555B	0.470B	---	---	---	---	---	---	0.962	0.840B	0.285B	25
26	0.745B	0.550B	0.470B	---	---	---	---	---	---	0.958	0.750B	0.275B	26
27	0.745B	0.545B	0.465B	---	---	---	---	---	---	0.981	0.702B	0.270B	27
28	0.740B	0.540B	0.465B	---	---	---	---	---	---	1.18	0.665B	0.264B	28
29	0.730B		0.460B	---	---	---	5.86A	---	---	1.08	0.620B	0.260B	29
30	0.720B		0.455B	---	---	---	---	---	---	0.989	0.590B	0.258B	30
31	0.705B		0.455B		---		---	---		1.63		0.256B	31
TOTAL	24.927	16.515	15.343	---	---	---	---	---	---	---	79.377	11.156	TOTAL
MEAN	0.804	0.590	0.495	---	---	---	---	---	---	---	2.65	0.360	MEAN
MAX	1.15	0.695	0.530	---	---	---	---	---	---	---	5.10	0.550	MAX
MIN	0.705	0.540	0.455	---	---	---	---	---	---	---	0.590	0.256	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.256B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 37 N
LONG 119 11 47 W
DRAINAGE AREA, 111 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 150	JUL	---
FEB	1 430	AUG	---
MAR	1 330	SEP	---
APR	---	OCT	---
MAY	---	NOV	6 860
JUN	---	DEC	964

SWIFT RIVER NEAR SWIFT RIVER - STATION NO. 09AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.3B	13.2B	12.3B	12.0B	12.4B	244 E	95.3	43.3	55.6	55.6	46.1	20.0B	1
2	16.4B	13.0B	12.3B	11.5B	12.8B	226 E	109	41.3	54.6	56.6	41.1	19.5B	2
3	16.5B	12.8B	12.2B	11.4B	13.5B	205 A	119	40.8	51.6	54.8	40.0	19.0B	3
4	16.2B	12.6B	12.1B	11.3B	15.0B	190	119	47.5	48.6	52.2	38.5B	18.6B	4
5	16.0B	12.5B	12.0B	11.1B	16.0B	174	110	58.5	49.5	49.5	37.0B	18.1B	5
6	16.0B	12.5B	12.1B	11.0B	18.0B	157	100	62.2	52.5	47.4	34.0B	17.5B	6
7	15.6B	12.5B	12.2B	10.8B	23.0B	151	97.1	59.5	60.9	46.2	32.4B	17.0B	7
8	15.2B	12.4B	12.5B	10.7B	31.0B	145	97.1	54.3	70.2	44.9	31.0B	16.5B	8
9	15.2B	12.2B	12.8B	10.5B	40.0B	132	92.5	49.6	80.9	43.5	30.0B	16.1B	9
10	15.3B	12.1B	12.9B	10.4B	49.0B	121	86.4	46.3	90.9	42.7	28.5B	16.0B	10
11	15.3B	12.1B	12.9B	10.3B	61.2A	117	81.8	43.9	101	41.9	27.2B	15.7B	11
12	15.4B	12.2B	12.8B	10.4B	62.0	117	79.6	42.2	112	41.1	26.0B	15.5B	12
13	15.2B	12.3B	12.7B	10.4B	66.3	119	78.5	40.5	109	42.5	25.0B	15.5B	13
14	15.2B	12.5B	12.6B	10.6B	67.1	123	75.5	39.3	101	46.7	24.5B	15.6B	14
15	15.2B	12.6B	12.5B	10.8B	70.8	142	72.0	38.1	101	53.9	24.0B	15.8B	15
16	15.3B	12.6B	12.3B	10.9B	78.6	155	69.2	36.8	100	58.8	23.6B	15.7B	16
17	15.4B	12.5B	12.1B	10.9B	89.5	152	66.4	35.9	94.4	59.8	23.0B	15.5B	17
18	15.5B	12.4B	12.0B	11.0B	98.2	144	64.6	35.0	90.4	59.4	22.5B	15.1B	18
19	15.4B	12.4B	12.0B	11.0B	108	136	62.9	34.4	85.2	59.4	22.5B	14.6B	19
20	15.2B	12.5B	12.0B	11.0B	119	132	60.5	34.5	80.2	57.5	22.7B	14.5B	20
21	15.0B	12.4B	12.0B	11.1B	128	131	57.7	35.7	74.8	55.2	22.7B	14.5B	21
22	14.9B	12.2B	12.0B	11.2B	209	127	55.9	36.1	70.7	52.8	22.4B	14.7B	22
23	14.8B	12.1B	12.2B	11.3B	212 E	124	53.9	35.8	69.0	52.6	22.1B	14.8B	23
24	14.3B	12.0B	12.4B	11.4B	216 E	120	51.8	34.8	67.7	56.5	22.0B	14.7B	24
25	13.8B	11.9B	12.7B	11.5B	220 E	113	50.0	33.6	64.9	64.7	22.0B	13.6B	25
26	13.5B	12.0B	12.7B	11.6B	224 E	108	48.8	32.6	61.8	67.6	22.0B	12.5B	26
27	13.3B	12.1B	12.6B	11.8B	228 E	106	48.6	33.2	58.9	61.8	22.0B	11.6B	27
28	13.1B	12.3B	12.5B	12.0B	231 E	102	47.7	44.3	56.6	56.5	21.8B	11.2B	28
29	13.0B		12.4B	12.1B	236 E	99.4	46.3	55.7	54.8	52.6	21.3B	11.1B	29
30	13.1B		12.3B	12.2B	239 E	98.5	45.0	57.5	53.8	49.0	20.4B	10.9B	30
31	13.1B		12.1B		241 E		44.8	54.0		47.1		10.6B	31
TOTAL	463.7	346.9	383.2	334.2	3 435.4	4 210.9	2 286.9	1 337.2	2 222.5	1 630.8	818.3	472.0	TOTAL
MEAN	15.0	12.4	12.4	11.1	111	140	73.8	43.1	74.1	52.6	27.3	15.2	MEAN
MAX	16.5	13.2	12.9	12.2	241	244	119	62.2	112	67.6	46.1	20.0	MAX
MIN	13.0	11.9	12.0	10.3	12.4	98.5	44.8	32.6	48.6	41.1	20.4	10.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.2
MAXIMUM DAILY, 244E ON JUN 1
MINIMUM DAILY, 10.3B ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 55 50 N
LONG 131 46 04 W
DRAINAGE AREA, 3 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 100	JUL	198 000
FEB	30 000	AUG	116 000
MAR	33 100	SEP	192 000
APR	28 900	OCT	141 000
MAY	297 000	NOV	70 700
JUN	364 000	DEC	40 800

TOTAL DISCHARGE, 1 550 000 dam³

TABOR CREEK ABOVE SWEDE CREEK - STATION NO. 08KE032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.793	1.40	1.61	0.198	0.014E	0.008E	---	---	---	1
2	---	---	---	0.804	1.38	1.03	0.195	0.014E	0.006E	---	---	---	2
3	---	---	---	0.787	1.30	0.915	0.161	0.011E	0.006E	---	---	---	3
4	---	---	---	0.711	1.17	1.25	0.155	0.009E	0.006E	---	---	---	4
5	---	---	---	0.748	1.08	1.04	0.115	0.011E	0.006E	---	---	---	5
6	---	---	---	0.753	1.09	0.983	0.100	0.009E	0.006E	---	---	---	6
7	---	---	---	0.716	0.950	0.814	0.079	0.008E	0.006E	---	---	---	7
8	---	---	---	0.726	0.985	0.745	0.054	0.008E	0.006E	---	---	---	8
9	---	---	---	0.736	1.27	0.631	0.029	0.007E	0.006E	---	---	---	9
10	---	---	---	0.782	1.14	0.579	0.023	0.198E	0.006E	---	---	---	10
11	---	---	---	0.665	1.06	0.639	0.004	0.222E	0.006E	---	---	---	11
12	---	---	---	0.586	1.04	0.661	0.004	0.294E	0.003E	---	---	---	12
13	---	---	---	0.561	0.957	0.631	0.004	0.213E	0 E	---	---	---	13
14	---	---	---	0.561	1.00	0.631	0.006	0.073E	0 E	---	---	---	14
15	---	---	---	0.601	1.06	0.558	0.006	0.039E	0 E	---	---	---	15
16	---	---	---	0.895	1.35	0.779	0.006E	0.027E	0.006E	---	---	---	16
17	---	---	---	0.971	1.30	0.608	0.006E	0.017E	0 E	---	---	---	17
18	---	---	---	0.915	1.43	0.517	0.006E	0.011E	0 E	---	---	---	18
19	---	---	---	1.12	1.50	0.558	0.007E	0.009E	0 E	---	---	---	19
20	---	---	---	1.32	1.54	1.18	0.007E	0.008E	0 E	---	---	---	20
21	---	---	---	1.58	1.61	0.797	0.007E	0.198E	0 E	---	---	---	21
22	---	---	---	1.43	1.61	0.646	0.007E	0.129E	0 E	---	---	---	22
23	---	---	---	2.75	1.62	0.586	0.006E	0.107E	0 E	---	---	---	23
24	---	---	---	2.59	1.73	0.458	0.005E	0.054E	0 E	---	---	---	24
25	---	---	---	1.81	1.85	0.402	0.036E	0.027E	0 E	---	---	---	25
26	---	---	0.690	1.47	2.32	0.391	0.040E	0.017E	0 E	---	---	---	26
27	---	---	0.655	1.27	2.38	0.391	0.020E	0.013E	0 E	---	---	---	27
28	---	---	2.85	1.22	2.15	0.294	0.016E	0.011E	0 E	---	---	---	28
29	---		1.51	1.09	2.06	0.275	0.021E	0.010E	0 E	---	---	---	29
30	---		1.06	1.09	2.38 E	0.275	0.019E	0.010E	0.006E	---	---	---	30
31	---		0.876		2.87		0.017E	0.011E		---		---	31
TOTAL	---	---	---	32.051	46.582	20.874	1.359	1.789	0.083	---	---	---	TOTAL
MEAN	---	---	---	1.07	1.50	0.696	0.044	0.058	0.003	---	---	---	MEAN
MAX	---	---	---	2.75	2.87	1.61	0.198	0.294	0.008	---	---	---	MAX
MIN	---	---	---	0.561	0.950	0.275	0.004	0.007	0	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.87 ON MAY 31
MINIMUM DAILY, 0E ON SEP 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 51 45 N
LONG 122 34 14 W
DRAINAGE AREA, 60.2 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	117
FEB	---	AUG	155
MAR	---	SEP	7.17
APR	2 770	OCT	---
MAY	4 020	NOV	---
JUN	1 800	DEC	---

TABOR CREEK AT HIGHWAY NO. 97 NEAR PRINCE GEORGE - STATION NO. 08KE028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84 B	0.552B	0.864B	1.67	2.23	3.55	0.307	0.011	0.004	0.004	0.006	0.023B	1
2	1.47 B	0.538B	0.850B	1.40	2.23	2.97	0.198	0.008	0.003	0.004	0.006	0.023B	2
3	1.19 B	0.530B	0.821B	1.40	1.57	2.41	0.147	0.008	0.003	0.004	0.006	0.023B	3
4	0.991B	0.510B	0.807B	1.33	1.53	1.93	0.134	0.011	0.003	0.005	0.006	0.023B	4
5	0.850B	0.481B	0.793B	1.33	1.32	1.80	0.134	0.011	0.003	0.005	0.006	0.023B	5
6	0.651B	0.453B	0.793B	1.27	1.38	1.42	0.189	0.008	0	0.005	0.008	0.023B	6
7	0.538B	0.425B	0.779B	1.27	1.46	1.35	0.140	0.006	0	0.008	0.008	0.023B	7
8	0.467B	0.411B	0.779B	1.21	1.46	1.25	0.116	0.003	0.003	0.008	0.011	0.024B	8
9	0.425B	0.396B	0.779B	1.21	1.53	0.801	0.116	0	0.004	0.005	0.011	0.024B	9
10	0.396B	0.396B	0.793B	1.21	1.64	0.883	0.053	0	0.005	0.005	0.031	0.024B	10
11	0.382B	0.382B	0.807B	1.08	1.42	0.910	0.044	0	0.004	0.005	0.024	0.025B	11
12	0.368B	0.382B	0.835B	0.906	1.18	1.11	0.038	0.282	0.004	0.005	0.022	0.025B	12
13	0.354B	0.382B	0.864B	0.742	1.08	1.05	0.030	0.216	0.004	0.005	0.024	0.025B	13
14	0.354B	0.411B	0.892B	0.797	0.965	0.938	0.030	0.180	0.005	0.005	0.047	0.026B	14
15	0.340B	0.453B	0.912B	1.82	1.02	0.938	0.022	0.180	0.006	0.005	0.026E	0.027B	15
16	0.340B	0.538B	0.915B	1.82	0.965	0.641	0.017	0.033	0.006	0.005	0.025E	0.028B	16
17	0.340B	0.680B	0.920B	1.82	0.965	0.534	0.022	0.025	0.006	0.005	0.025B	0.030B	17
18	0.340B	0.850B	0.915B	2.96	0.965	0.480	0.028	0.030	0.006	0.005	0.025B	0.032B	18
19	0.354B	1.08 B	0.912B	3.76	0.801	0.685	0.028	0.030	0.006	0.005	0.025B	0.035B	19
20	0.396B	1.42 B	0.906B	4.27	0.407	0.828	0.021	0.025	0.006	0.005	0.024B	0.040B	20
21	0.467B	1.39 B	0.886B	4.37	0.333	1.46	0.030	0.022	0.006	0.005	0.024B	0.057B	21
22	0.566B	1.27 B	0.881B	4.90	0.333	1.84	0.024	0.011	0.004	0.005	0.024B	0.052B	22
23	0.651B	1.19 B	0.895B	6.01	0.333	1.72	0.006	0.044	0.004	0.005	0.024B	0.051B	23
24	0.665B	1.13 B	0.926B	5.13	0.389	1.61	0.006	0.063	0.004	0.005	0.023B	0.050B	24
25	0.680B	1.08 B	0.963B	4.73	0.389	1.25	0.006	0.038	0.004	0.005	0.023B	0.049B	25
26	0.680B	1.02 B	0.934B	3.77	0.498	0.855	0.006	0.024	0.004	0.008	0.023B	0.048B	26
27	0.680B	0.977B	0.906B	2.23	0.552	0.801	0.009	0.019	0.004	0.008	0.023B	0.048B	27
28	0.665B	0.920B	5.66 B	2.23	1.46	0.618	0.028	0.014	0.004	0.006	0.023B	0.047B	28
29	0.651B		3.96 E	2.54	1.61	0.462	0.024	0.011	0.004	0.006	0.023B	0.047B	29
30	0.623B		2.55 E	2.36	1.76	0.358	0.022	0.009	0.004	0.006	0.023B	0.046B	30
31	0.580B		1.93		5.24		0.011	0.004		0.006		0.045B	31
TOTAL	19.294	20.247	37.427	71.545	39.015	37.452	1.986	1.326	0.123	0.168	0.579	1.066	TOTAL
MEAN	0.622	0.723	1.21	2.38	1.26	1.25	0.064	0.043	0.004	0.005	0.019	0.034	MEAN
MAX	1.84	1.42	5.66	6.01	5.24	3.55	0.307	0.282	0.006	0.008	0.031	0.057	MAX
MIN	0.340	0.382	0.779	0.742	0.333	0.358	0.006	0	0	0.004	0.006	0.023	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.631
MAXIMUM DAILY, 6.01 ON APR 23
MINIMUM DAILY, 0 ON AUG 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 47 42 N
LONG 122 39 07 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670	JUL	172
FEB	1 750	AUG	115
MAR	3 230	SEP	10.6
APR	6 180	OCT	14.5
MAY	3 370	NOV	50.0
JUN	3 240	DEC	92.1

TOTAL DISCHARGE, 19 900 dam³

TAKU RIVER NEAR TULSEQUAH - STATION NO. 08BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.0B	45.5B	47.5B	48.0E	111E	1 650E	820E	574	532	204	193	108	1
2	54.0B	45.5B	48.0B	47.0E	120E	1 490E	800E	521	410	194	179	105	2
3	54.5B	46.0B	48.5B	46.5E	130E	1 300E	750A	547	342	180	159	92.8	3
4	55.0B	46.0B	48.0B	46.0E	140E	1 200E	671	686	315	167	164	76.2	4
5	56.0B	46.5B	48.0B	45.0E	170E	1 120E	542	785	321	157	285	73.3	5
6	55.0B	47.0B	47.5B	44.5E	192E	1 050E	471	906	417	153	429	73.4	6
7	54.0B	46.5B	48.0B	44.2E	180E	1 000E	452	882	1 070	176	338	73.0B	7
8	53.5B	46.0B	48.5B	44.0E	265E	920E	434	820	1 340	316	275	72.5B	8
9	52.5B	45.5B	48.0B	43.8E	310E	860E	405	837	1 130	173	256	72.0B	9
10	51.5B	45.0B	47.5B	43.6E	337E	800E	403	801	1 070	146	244	73.5B	10
11	51.0B	45.5B	47.5B	43.8E	355E	760E	438	668	1 190	138	235	73.0B	11
12	51.0B	46.0B	47.0B	43.8E	380E	720E	563	552	1 070	132	232	72.5B	12
13	51.0B	46.5B	46.5B	43.6E	420E	690E	629	475	793	148	213	72.0B	13
14	50.5B	47.0B	46.5B	43.9E	490E	640E	648	516	606	319	185	74.0B	14
15	50.5B	47.5B	47.0B	44.0E	550E	650E	678	531	706	610	175	75.0B	15
16	50.5B	48.0B	47.0B	43.5E	610E	660E	669	458	715	585	169	77.0B	16
17	50.5B	48.0B	46.5B	44.0E	640E	680E	746	399	594	441	159	77.5B	17
18	50.0B	48.4B	46.5B	45.0E	765E	700E	900	353	549	506	147	77.5B	18
19	50.0B	48.2B	46.0B	47.0E	900E	720E	880E	337	548	417	141	78.0B	19
20	50.0B	48.0B	46.0B	50.0E	980E	710E	855E	364	495	342	134	75.0B	20
21	50.0B	47.5B	46.0B	55.0E	1 050E	700E	810E	439	415	292	124	72.0B	21
22	50.0B	47.5B	46.5B	57.5E	1 100E	690E	750E	456	358	259	123	70.0B	22
23	50.0B	47.0B	46.0B	61.0E	1 120E	680E	710E	373	323	248	118	67.0B	23
24	49.5B	46.5B	46.0B	64.5E	1 200E	690E	671	328	301	281	109	62.4B	24
25	49.5B	46.0B	46.0B	70.0E	1 250E	720E	673	362	281	340	103	61.0B	25
26	49.0B	46.5B	46.0B	77.0E	1 500E	730E	747	465E	256	336	102	60.0B	26
27	48.5B	46.5B	45.5B	85.0E	1 810E	740E	763	627E	237	300	101	59.5B	27
28	48.0B	47.0B	45.0B	90.3A	1 760E	760E	717	748E	222	264	127	59.5B	28
29	47.0B		45.5B	95.0E	1 700E	780E	707	750	211	242	132	59.0B	29
30	46.5B		46.0B	102 E	1 660E	810E	690	652	200	222	117	58.0B	30
31	46.0B		46.5B		1 650E		640	580		207		56.0B	31
TOTAL	1 578.0	1 307.1	1 451.0	1 658.5	23 845	25 620	20 636	17 792	17 017	8 455	5 468	2 255.6	TOTAL
MEAN	50.9	46.7	46.8	55.3	769	854	666	574	567	273	182	72.8	MEAN
MAX	56.0	48.4	48.5	102	1 810	1 650	900	906	1 340	610	429	108	MAX
MIN	46.0	45.0	45.0	43.5	111	640	403	328	200	132	101	56.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 348
MAXIMUM DAILY, 1 810E ON MAY 27
MINIMUM DAILY, 43.5E ON APR 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 20 N
LONG 133 32 25 W
DRAINAGE AREA, 15 500 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	136 000	JUL	1 780 000
FEB	113 000	AUG	1 540 000
MAR	125 000	SEP	1 470 000
APR	143 000	OCT	731 000
MAY	2 060 000	NOV	472 000
JUN	2 210 000	DEC	195 000

TOTAL DISCHARGE, 11 000 000 dam³

TAPPEN CREEK AT THE SOURCE - STATION NO. 08LE087

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.116	0.116	0.124E	0.142E	0.145E	0.167E	---	---	---	1
2	---	---	---	0.116E	0.116E	0.124E	0.143E	0.145E	0.168E	---	---	---	2
3	---	---	---	0.116E	0.116E	0.124E	0.145	0.145E	0.169E	---	---	---	3
4	---	---	---	0.116E	0.116E	0.124E	0.143E	0.145E	0.170	---	---	---	4
5	---	---	---	0.116E	0.116E	0.124	0.142E	0.145E	0.170E	---	---	---	5
6	---	---	---	0.116	0.116E	0.125E	0.140E	0.145E	0.170E	---	---	---	6
7	---	---	---	0.116E	0.116E	0.127E	0.138E	0.145	0.170E	---	---	---	7
8	---	---	---	0.116E	0.116E	0.128E	0.136E	0.147E	0.170E	---	---	---	8
9	---	---	---	0.116E	0.116E	0.129E	0.135E	0.150E	0.170E	---	---	---	9
10	---	---	---	0.116E	0.116E	0.131E	0.133	0.153E	0.170E	---	---	---	10
11	---	---	---	0.116E	0.116	0.132E	0.132E	0.155E	0.170	---	---	---	11
12	---	---	---	0.116E	0.114E	0.133	0.130E	0.158E	0.168E	---	---	---	12
13	---	---	---	0.116	0.112E	0.133E	0.129	0.161E	0.166E	---	---	---	13
14	---	---	---	0.116E	0.110	0.133E	0.133E	0.163	0.164E	---	---	---	14
15	---	---	---	0.116E	0.111E	0.133E	0.137E	0.163E	0.163E	---	---	---	15
16	---	---	---	0.116	0.112E	0.133E	0.141E	0.162E	0.161E	---	---	---	16
17	---	---	---	0.116E	0.112E	0.133E	0.145	0.161E	0.159E	---	---	---	17
18	---	---	---	0.116E	0.113E	0.133E	0.145E	0.160E	0.157	---	---	---	18
19	---	---	---	0.116E	0.114E	0.133	0.145E	0.159E	0.157E	---	---	---	19
20	---	---	---	0.116E	0.115E	0.133E	0.145E	0.158E	0.157E	---	---	---	20
21	---	---	---	0.116E	0.115E	0.133E	0.145E	0.157	0.157E	---	---	---	21
22	---	---	---	0.116E	0.116	0.133E	0.145E	0.158E	0.157E	---	---	---	22
23	---	---	---	0.116E	0.117E	0.133E	0.145E	0.159E	0.157E	---	---	---	23
24	---	---	---	0.116	0.118E	0.133E	0.145	0.160E	0.157E	---	---	---	24
25	---	---	---	0.118E	0.119E	0.133E	0.145E	0.161E	0.157	---	---	---	25
26	---	---	---	0.119E	0.121E	0.133	0.145E	0.162E	0.151E	---	---	---	26
27	---	---	---	0.121E	0.122E	0.135E	0.145E	0.163E	0.145E	---	---	---	27
28	---	---	---	0.122E	0.123E	0.136E	0.145E	0.163	0.139	---	---	---	28
29	---		---	0.124	0.124	0.138E	0.145E	0.164E	0.139E	---	---	---	29
30	---		---	0.120E	0.124E	0.140E	0.145E	0.165E	0.139E	---	---	---	30
31	---		---		0.124E		0.145	0.166E		---		---	31
TOTAL	---	---	---	3.508	3.612	3.936	4.374	4.843	4.814	---	---	---	TOTAL
MEAN	---	---	---	0.117	0.117	0.131	0.141	0.156	0.160	---	---	---	MEAN
MAX	---	---	---	0.124	0.124	0.140	0.145	0.166	0.170	---	---	---	MAX
MIN	---	---	---	0.116	0.110	0.124	0.129	0.145	0.139	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 45 N
LONG 119 23 41 W
DRAINAGE AREA, 4.40 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	378
FEB	---	AUG	418
MAR	---	SEP	416
APR	303	OCT	---
MAY	312	NOV	---
JUN	340	DEC	---

TAPPEN CREEK NEAR TAPPEN - STATION NO. 08LE041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.202	0.177	0.177	0.177	0.202	0.173E	---	---	---	1
2	---	---	---	0.202	0.177	0.177	0.167	0.167	0.202	---	---	---	2
3	---	---	---	0.202	0.177	0.202	0.167	0.167	0.202	---	---	---	3
4	---	---	---	0.202	0.167	0.188	0.158	0.150	0.202	---	---	---	4
5	---	---	---	0.202	0.188	0.177	0.158	0.150	0.219	---	---	---	5
6	---	---	---	0.202	0.177	0.177	0.167	0.177	0.219	---	---	---	6
7	---	---	---	0.202	0.177	0.177	0.177	0.150	0.219	---	---	---	7
8	---	---	---	0.202	0.177	0.177	0.177	0.150	0.167	---	---	---	8
9	---	---	---	0.202	0.177	0.177	0.167	0.150	0.167	---	---	---	9
10	---	---	---	0.202	0.177	0.177	0.167	0.150	0.167	---	---	---	10
11	---	---	---	0.202	0.177	0.177	0.167	0.143	0.167	---	---	---	11
12	---	---	---	0.202	0.177	0.177	0.150	0.150	0.167	---	---	---	12
13	---	---	---	0.202	0.177	0.177	0.177	0.137	0.188	---	---	---	13
14	---	---	---	0.202	0.177	0.177	0.158	0.137	0.177	---	---	---	14
15	---	---	---	0.202	0.177	0.188	0.150	0.150	0.188	---	---	---	15
16	---	---	---	0.202	0.177	0.188	0.143	0.137	0.202	---	---	---	16
17	---	---	---	0.202	0.177	0.188	0.137	0.150	0.202	---	---	---	17
18	---	---	---	0.202	0.177	0.188	0.137	0.120	0.202	---	---	---	18
19	---	---	---	0.202	0.177	0.188	0.137	0.120	0.199E	---	---	---	19
20	---	---	---	0.202	0.177	0.188	0.177	0.177	0.196E	---	---	---	20
21	---	---	---	0.202	0.177	0.188	0.150	0.127	0.193E	---	---	---	21
22	---	---	---	0.202	0.177	0.202	0.150	0.137	0.190E	---	---	---	22
23	---	---	---	0.188	0.177	0.188	0.150	0.143	0.187E	---	---	---	23
24	---	---	---	0.177	0.177	0.188	0.177	0.143	0.184E	---	---	---	24
25	---	---	---	0.177	0.177	0.188	0.158	0.137	0.181E	---	---	---	25
26	---	---	---	0.177	0.177	0.188	0.150	0.123	0.178E	---	---	---	26
27	---	---	---	0.177	0.177	0.177	0.150	0.115	0.175E	---	---	---	27
28	---	---	---	0.177	0.177	0.167	0.150	0.118	0.172E	---	---	---	28
29	---		---	0.177	0.177	0.167	0.158	0.109	0.169E	---	---	---	29
30	---		---	0.177	0.177	0.167	0.167	0.167	0.167	---	---	---	30
31	---		---		0.177		0.167	0.143		---		---	31
TOTAL	---	---	---	5.871	5.488	5.462	4.942	4.496	5.621	---	---	---	TOTAL
MEAN	---	---	---	0.196	0.177	0.182	0.159	0.145	0.187	---	---	---	MEAN
MAX	---	---	---	0.202	0.188	0.202	0.177	0.202	0.219	---	---	---	MAX
MIN	---	---	---	0.177	0.167	0.167	0.137	0.109	0.167	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 02 N
LONG 119 20 55 W
DRAINAGE AREA, 26.9 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	427
FEB	---	AUG	388
MAR	---	SEP	486
APR	507	OCT	---
MAY	474	NOV	---
JUN	472	DEC	---

TEETER CREEK NEAR THE MOUTH - STATION NO. 10BE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	0.818B	0.658B	0.558B	1.92	2.81	2.08	1.38	1.58	1.08	1.07 B	0.590B	1
2	1.23 B	0.810B	0.660B	0.546B	2.16	2.75	2.06	1.37	1.42	1.08	1.00 B	0.535B	2
3	1.22 B	0.790B	0.652B	0.540B	2.18	2.70	2.08	1.36	1.32	1.06	0.910B	0.490B	3
4	1.21 B	0.770B	0.642B	0.530B	2.21	2.79	2.03	1.37	1.30	1.06	0.975B	0.480B	4
5	1.19 B	0.770B	0.638B	0.528B	2.28	2.76	2.00	1.34	1.27	0.997	1.02 B	0.505B	5
6	1.15 B	0.758B	0.632B	0.523B	2.40	2.70	1.98	1.31	1.32	1.03	1.05 B	0.500B	6
7	1.13 B	0.740B	0.629B	0.522B	2.49	2.64	1.97	1.29	1.29	1.05	0.900B	0.450B	7
8	1.13 B	0.720B	0.634B	0.515B	2.57	2.57	1.93	1.28	1.25	1.03	0.850B	0.415B	8
9	1.14 B	0.700B	0.640B	0.505B	2.51	2.54	1.87	1.27	1.30	1.05	0.800B	0.410B	9
10	1.14 B	0.690B	0.650B	0.499B	2.71	2.50	1.84	1.25	1.28	1.04	0.875B	0.450B	10
11	1.14 B	0.680B	0.658B	0.487B	2.84	2.47	1.81	1.24	1.26	1.03	0.910B	0.460B	11
12	1.10 B	0.673B	0.660B	0.484B	2.95	2.41	1.77	1.22	1.23	1.01	0.925B	0.405B	12
13	1.08 B	0.668B	0.660B	0.480B	2.99	2.37	1.81	1.21	1.21	1.03	0.840B	0.425B	13
14	1.06 B	0.674B	0.658B	0.477B	2.81	2.43	1.82	1.21	1.22	1.04	0.750B	0.440B	14
15	1.04 B	0.680B	0.655B	0.472B	2.76	2.64	1.73	1.19	1.23	1.04	0.810B	0.460B	15
16	1.03 B	0.675B	0.645B	0.470B	2.86	2.63	1.69	1.17	1.20	1.04	0.800B	0.480B	16
17	1.03 B	0.680B	0.635B	0.467B	2.98	2.52	1.67	1.18	1.19	0.980	0.790B	0.490B	17
18	1.02 B	0.683B	0.615B	0.462B	3.09	2.50	1.63	1.16	1.17	0.997	0.805B	0.495B	18
19	1.01 B	0.678B	0.600B	0.466B	3.14	2.47	1.62	1.16	1.18	0.951	0.790B	0.485B	19
20	1.00 B	0.680B	0.570B	0.470B	3.14	2.49	1.60	1.15	1.16	0.943	0.755B	0.460B	20
21	1.00 B	0.685B	0.560B	0.475B	3.13	2.45	1.58	1.14	1.14	0.901	0.720B	0.410B	21
22	1.00 B	0.693B	0.555B	0.482B	3.36	2.39	1.56	1.14	1.14	0.934	0.660B	0.380B	22
23	0.970B	0.687B	0.555B	0.510B	3.35	2.37	1.54	1.13	1.15	0.974	0.610B	0.385B	23
24	0.930B	0.670B	0.558B	0.560A	3.19	2.30	1.51	1.15	1.11	1.15	0.620B	0.400B	24
25	0.900B	0.660B	0.562B	0.689	3.11	2.26	1.49	1.14	1.13	1.20	0.645B	0.405B	25
26	0.873B	0.662B	0.568B	0.767	3.02	2.26	1.48	1.13	1.09	1.08	0.670B	0.365B	26
27	0.850B	0.662B	0.566B	0.744	2.96	2.25	1.46	1.31	1.09	1.09	0.700B	0.303B	27
28	0.825B	0.660B	0.559B	0.898	2.86	2.21	1.49	1.72	1.08	1.09	0.730B	0.280B	28
29	0.820B		0.554B	1.09	2.78	2.18	1.47	1.39	1.07	1.10	0.700B	0.270B	29
30	0.819B		0.556B	1.31	2.73	2.14	1.43	1.31	1.06	1.03 B	0.655B	0.260B	30
31	0.819B		0.559B		2.93		1.42	1.32		1.05 B		0.245B	31
TOTAL	32.086	19.716	18.943	17.526	86.41	74.50	53.42	38.95	36.44	32.137	24.335	13.128	TOTAL
MEAN	1.04	0.704	0.611	0.584	2.79	2.48	1.72	1.26	1.21	1.04	0.811	0.423	MEAN
MAX	1.23	0.818	0.660	1.31	3.36	2.81	2.08	1.72	1.58	1.20	1.07	0.590	MAX
MIN	0.819	0.660	0.554	0.462	1.92	2.14	1.42	1.13	1.06	0.901	0.610	0.245	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 3.36 ON MAY 22
MINIMUM DAILY, 0.245B ON DEC 31
MAXIMUM INSTANTANEOUS,
3.47 AT 17:14 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 27 15 N
LONG 126 13 39 W
DRAINAGE AREA, 211 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 770	JUL	4 620
FEB	1 700	AUG	3 370
MAR	1 640	SEP	3 150
APR	1 510	OCT	2 780
MAY	7 470	NOV	2 100
JUN	6 440	DEC	1 130

TOTAL DISCHARGE, 38 700 dam³

TELKWA RIVER BELOW TSAI CREEK - STATION NO. 08EE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.01	2.78B	2.41	2.68	7.45	49.4	36.9	22.1	18.2	34.4	7.64	4.32	1
2	5.80	2.70B	2.54	2.67	7.33	41.2	40.0	20.5	22.1	15.8	7.11	4.29	2
3	5.55	2.64B	2.44	2.61	7.38	38.8	47.2	22.9	16.6	11.4	6.75	3.76	3
4	5.44	2.58B	2.27	2.60	7.86	36.5	42.3	22.9	13.3	9.49	6.32	4.03	4
5	5.21	2.54B	2.14	2.61	9.06	31.3	33.3	23.7	14.5	8.36	8.10	3.87	5
6	5.16	2.48B	2.38	2.51	11.8	28.8	27.6	24.7	23.9	8.68	10.1	3.74	6
7	5.10	2.44B	2.23	2.51	18.3	24.6	23.5	27.8	24.3	12.2	8.28	3.39	7
8	5.00	2.41B	2.21	2.52	21.4	21.5	21.0	30.6	22.2	14.3	7.69	2.69	8
9	4.91	2.38B	2.22	2.46	24.8	21.0	20.3	31.6	26.8	11.0	9.31	2.51	9
10	4.64	2.36	2.18	2.43	21.3	22.8	22.3	30.9	29.6	8.85	9.53	2.40B	10
11	4.46	2.66	2.13	2.36	20.6	31.4	28.9	29.0	27.1	7.80	13.8	2.33B	11
12	4.30	2.74	2.13	2.22	21.3	31.8	39.4	25.6	18.0	6.98	16.9	2.28B	12
13	4.14	2.72	2.10	2.24	23.7	34.1	45.7	22.4	12.9	7.63	12.7	2.22B	13
14	3.98	2.74	2.04	2.27	28.6	39.2	46.6	22.5	11.6	11.4	10.8	2.18B	14
15	3.55	2.93	2.01	2.31	36.0	38.5	44.4	27.6	13.4	18.1	9.62	2.13B	15
16	3.45	3.10	2.06	2.48	38.2	33.0	45.2	24.6	13.5	22.2	8.84	2.09B	16
17	3.70	3.04	2.10	2.48	39.7	28.5	48.2	23.3	14.1	16.1	7.93	2.04B	17
18	3.74	2.98	2.10	2.51	37.1	27.9	52.6	23.4	17.7	17.9	7.41	2.02B	18
19	4.20	2.99	2.05	2.68	40.7	29.0	48.4	23.9	13.8	15.6	7.11	1.95B	19
20	4.30	2.87	1.97	2.89	50.8	28.7	50.4	20.9	10.1	11.2	6.80	1.90B	20
21	4.43	2.87	1.80	3.44	55.4	27.1	46.3	17.9	8.68	9.05	6.54	1.88B	21
22	4.84	3.18	1.80	3.78	50.7	27.4	40.5	18.5	8.40	8.39	6.20	1.86B	22
23	4.89	2.84	1.81	4.37	51.2	28.8	36.5	15.9	7.36	8.42	5.78	1.85B	23
24	4.54	2.88	1.85	5.15	57.0	32.4	34.8	20.9	6.57	14.8	5.53	1.84B	24
25	4.21	2.82	2.05	4.72	86.0	31.6	39.8	28.6	6.10	17.4	5.30	1.82B	25
26	4.19	2.65	2.27	4.52	89.4	30.3	43.5	28.3	5.74	12.8	4.05	1.80B	26
27	4.03	2.58	2.41	4.70	58.6	31.0	39.0	20.5	5.42	10.3	4.03	1.79B	27
28	3.89	2.48	3.19	5.24	44.0	32.3	32.0	17.3	5.35	9.08	4.41	1.78B	28
29	3.54		3.34	5.73	48.3	34.6	29.7	13.4	5.14	7.83	4.52	1.77B	29
30	3.14		3.05	6.58	60.9	36.7	28.3	13.6	12.4	7.15	4.49	1.76B	30
31	2.88		2.84		57.5		25.7	14.4		8.92		1.75B	31
TOTAL	137.22	76.38	70.12	98.27	1 132.38	950.2	1 160.3	710.2	434.86	383.53	233.59	76.04	TOTAL
MEAN	4.43	2.73	2.26	3.28	36.5	31.7	37.4	22.9	14.5	12.4	7.79	2.45	MEAN
MAX	6.01	3.18	3.34	6.58	89.4	49.4	52.6	31.6	29.6	34.4	16.9	4.32	MAX
MIN	2.88	2.36	1.80	2.22	7.33	21.0	20.3	13.4	5.14	6.98	4.03	1.75	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 89.4 ON MAY 26
MINIMUM DAILY, 1.75B ON DEC 31
MAXIMUM INSTANTANEOUS,
106 AT 22:05 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 10 N
LONG 127 29 42 W
DRAINAGE AREA, 368 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 900	JUL	100 000
FEB	6 600	AUG	61 400
MAR	6 060	SEP	37 600
APR	8 490	OCT	33 100
MAY	97 800	NOV	20 200
JUN	82 100	DEC	6 570

TOTAL DISCHARGE, 472 000 dam³

TERRACE CREEK NEAR KELOWNA - STATION NO. 08NM138

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082B	0.076	0.048	0.068	2.21	0.881	0.300	0.215	0.099	0.091	0.417	0.131	1
2	0.079B	0.068	0.048	0.068	2.05	0.756	0.258	0.181	0.238	0.102	0.395	0.130	2
3	0.076B	0.062	0.048	0.068	1.52	0.680	0.229	0.173	0.156	0.096	0.333	0.113	3
4	0.074B	0.057	0.048	0.065	1.13	0.640	0.210	0.269	0.125	0.082	0.272	0.114	4
5	0.071B	0.051	0.045	0.068	0.915	0.578	0.190	0.218	0.116	0.076	0.226	0.126	5
6	0.071	0.048	0.048	0.068	0.855	0.555	0.170	0.167	0.096	0.125	0.199	0.129	6
7	0.068	0.045	0.045	0.068	0.816	0.484	0.218	0.133	0.074	0.532	0.183	0.125	7
8	0.068	0.045	0.045	0.068	0.864	0.456	0.320	0.113	0.059	0.445	0.175	0.123	8
9	0.065	0.042	0.045	0.071	1.16	0.524	0.261	0.096	0.048	0.343	0.172	0.124	9
10	0.065	0.034	0.045	0.068	1.30	0.643	0.241	0.085	0.040	0.289	0.174	0.126	10
11	0.062	0.028	0.045	0.071	1.32	0.895	0.272	0.074	0.037	0.235	0.177	0.124	11
12	0.059	0.028	0.045	0.071	1.29	0.714	0.221	0.065	0.034	0.204	0.303	0.116	12
13	0.057	0.031	0.048	0.068	1.38	0.759	0.218	0.057	0.028	0.178	0.301	0.112	13
14	0.054	0.034	0.051	0.068	1.55	0.776	0.275	0.051	0.025	0.167	0.261	0.109	14
15	0.057	0.037	0.054	0.074	1.89	0.629	0.241	0.045	0.022	0.159	0.249	0.109	15
16	0.054	0.040	0.071	0.108	1.85	0.634	0.227	0.042	0.022	0.156	0.232	0.108	16
17	0.048	0.054	0.071	0.119	1.95	0.524	0.207	0.040	0.020	0.153	0.214	0.107	17
18	0.045B	0.054	0.065	0.139	2.13	0.513	0.244	0.037	0.019	0.147	0.204	0.108	18
19	0.048B	0.051	0.065	0.204	2.38	0.728	0.255	0.031	0.031	0.139	0.197	0.108	19
20	0.048B	0.051	0.062	0.297B	2.34	0.682	0.238	0.031	0.059	0.130	0.194	0.107	20
21	0.054B	0.051	0.062	0.340	2.62	0.547	0.210	0.034	0.054	0.113	0.195	0.103	21
22	0.065B	0.048	0.062	0.283	2.16	0.527	0.181	0.031	0.048	0.101	0.188	0.097	22
23	0.082B	0.048	0.059	0.425	1.89	0.496	0.161	0.027	0.045	0.101	0.187	0.093	23
24	0.113B	0.048	0.059	0.651	1.71	0.439	0.328	0.024	0.048	0.106	0.160	0.092	24
25	0.142B	0.048	0.057	0.623	1.91	0.391	0.402	0.021	0.054	0.115	0.190	0.092	25
26	0.130B	0.051	0.059	0.595	2.14	0.351	0.283	0.018	0.054	0.119	0.170	0.092	26
27	0.119B	0.048	0.065	0.548	1.74	0.317	0.215	0.017	0.059	0.149	0.151	0.091	27
28	0.110B	0.048	0.071	0.663	1.24	0.303	0.167	0.016	0.079	0.226	0.146	0.089	28
29	0.102B		0.071	0.770	1.04	0.283	0.150	0.020	0.088	0.327	0.138	0.088	29
30	0.093		0.071	1.34	0.966	0.283	0.184	0.051	0.082	0.280	0.130	0.086	30
31	0.082		0.071		0.963		0.190	0.048		0.277		0.081	31
TOTAL	2.343	1.326	1.749	8.133	49.079	16.988	7.266	2.430	1.959	5.763	6.533	3.353	TOTAL
MEAN	0.076	0.047	0.056	0.271	1.58	0.566	0.234	0.078	0.065	0.186	0.218	0.108	MEAN
MAX	0.142	0.076	0.071	1.34	2.62	0.895	0.402	0.269	0.238	0.532	0.417	0.131	MAX
MIN	0.045	0.028	0.045	0.065	0.816	0.283	0.150	0.016	0.019	0.076	0.130	0.081	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.293
MAXIMUM DAILY, 2.62 ON MAY 21
MINIMUM DAILY, 0.016 ON AUG 28
MAXIMUM INSTANTANEOUS,
2.80 AT 09:10 PST ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 15 N
LONG 119 40 00 W
DRAINAGE AREA, 31.3 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	202	JUL	628
FEB	115	AUG	210
MAR	151	SEP	169
APR	703	OCT	498
MAY	1 240	NOV	564
JUN	1 470	DEC	290

TOTAL DISCHARGE, 9 240 dam³

TESTALINDEN CREEK IN CANYON - STATION NO. 08NM164

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007E	0.007	---	0.012	0.054	---	0.042	0.018	---	0.009	0.013	0.011	1
2	0.007E	0.007	---	0.011	0.051	---	0.040	0.017	---	0.010	0.012	0.011	2
3	0.007E	0.006	0.010A	0.011	0.042	---	0.037	0.016	---	0.009	0.011	0.010	3
4	0.007E	0.007	0.017	0.011	0.051	0.074A	0.034	0.016	---	0.009	0.011	0.010	4
5	0.007A	0.006A	0.009	0.011	0.042	0.076	0.034	0.015	---	0.009	0.011	0.012	5
6	0.007	---	0.007	0.012	0.042	0.074	0.037	0.014	---	0.024	0.011	0.011	6
7	0.007	---	0.007	0.012	0.040	0.071	0.037	0.014	---	0.032	0.011	0.010	7
8	0.007	---	0.007	0.012	0.040	0.071	0.034	0.013	---	0.016	0.011	0.010	8
9	0.006	---	0.008	0.012	0.037	0.068	0.031	0.013	---	0.018	0.011	0.011	9
10	0.006	---	0.008	0.011	0.040	0.079	0.031	0.012	---	0.014	0.011	0.012	10
11	0.006	---	0.008	0.012	0.040	0.068	0.031	0.012	---	0.013	0.011	0.010	11
12	0.006	---	0.009	0.011	0.040	0.065	0.028	0.011	---	0.013	0.012	0.010	12
13	0.006	---	0.009	0.011	0.045	0.068	0.037	0.011	---	0.013	0.011	0.020	13
14	0.006	---	0.010	0.012	0.048	0.062	0.034	0.011	---	0.013	0.021	0.011	14
15	0.006	---	0.011	0.012	0.085A	0.057	0.031	0.011	---	0.012	0.017	0.010	15
16	0.006	---	0.011	0.013	---	0.054	0.028	0.011	---	0.011	0.015	0.010	16
17	0.006	---	0.011	0.014	---	0.051	0.027	0.012	---	0.010	0.013	0.010	17
18	0.006	---	0.009	0.016	---	0.057	0.026	0.011A	---	0.009	0.013	0.010	18
19	0.006	---	0.010	0.019	---	0.057	0.026	0.013	---	0.009	0.013	0.011	19
20	0.006	---	0.011	0.021	---	0.054	0.025	0.028A	---	0.009	0.012	0.010	20
21	0.007	---	0.009	0.021	---	0.051	0.024	---	---	0.008	0.024	0.010	21
22	0.014	---	0.009	0.022	0.198A	0.051	0.024	---	---	0.009	0.014	0.010	22
23	0.010	---	0.009	0.028	---	0.051	0.026	---	---	0.009	0.013	0.014	23
24	0.009	---	0.009	0.034	---	0.048	0.025	---	---	0.009	0.012	0.021	24
25	0.008	---	0.009	0.031	---	0.045	0.023	---	0.009A	0.009	0.012	0.010	25
26	0.007	---	0.011	0.031	---	0.042	0.022	---	0.009	0.009	0.012	0.010	26
27	0.007	---	0.011	0.034	---	0.042	0.021	---	0.011	0.009	0.011	0.010	27
28	0.007	---	0.011	0.037	---	0.042	0.019	---	0.010	0.025	0.010	0.009	28
29	0.008		0.013	0.040	---	0.042	0.022	---	0.010	0.016	0.011	0.009	29
30	0.007		0.012	0.048	---	0.048	0.020	---	0.009	0.013	0.010	0.009	30
31	0.007		0.012		---		0.019	---		0.012		0.008	31
TOTAL	0.219	---	---	0.582	---	---	0.895	---	---	0.388	0.380	0.340	TOTAL
MEAN	0.007	---	---	0.019	---	---	0.029	---	---	0.013	0.013	0.011	MEAN
MAX	0.014	---	---	0.048	---	---	0.042	---	---	0.032	0.024	0.021	MAX
MIN	0.006	---	---	0.011	---	---	0.019	---	---	0.008	0.010	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.198A ON MAY 22

MAXIMUM INSTANTANEOUS,
0.331 AT 01:04 PST ON MAY 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 17 N
LONG 119 35 53 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18.9	JUL	77.3
FEB	---	AUG	---
MAR	---	SEP	---
APR	50.3	OCT	33.5
MAY	---	NOV	32.8
JUN	---	DEC	29.4

THOMPSON CREEK NEAR KITCHENER - STATION NO. 08NN085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.108	0.054	0.059	0.091	0.626	0.487	0.232	0.091	0.062	0.045	0.038	0.040	1
2	0.096	0.054	0.057	0.085	0.600	0.447	0.207	0.088	0.062	0.050	0.037	0.040	2
3	0.088	0.051	0.054	0.082	0.462	0.433	0.190	0.085	0.057	0.045	0.038	0.037	3
4	0.082	0.051	0.054	0.074	0.362	0.419	0.173	0.085	0.057	0.044	0.038	0.036	4
5	0.074	0.048	0.054	0.074	0.300	0.388	0.161	0.082	0.057	0.043	0.037	0.037	5
6	0.074	0.048	0.054	0.071	0.269	0.382	0.167	0.079	0.054	0.050	0.038	0.040	6
7	0.068	0.048	0.054	0.065	0.249	0.360	0.218	0.076	0.054	0.052	0.038	0.037	7
8	0.065	0.045	0.051	0.065	0.235	0.345	0.195	0.074	0.051	0.051	0.038	0.036	8
9	0.065	0.045	0.051	0.065	0.227	0.377	0.181	0.071	0.051	0.053	0.038	0.037	9
10	0.059	0.045	0.051	0.062	0.252	0.462	0.173	0.071	0.048	0.050	0.039	0.046	10
11	0.059	0.045	0.051	0.062	0.317	0.564	0.168	0.068	0.048	0.047	0.038	0.041	11
12	0.057	0.045	0.051	0.059	0.326	0.535	0.153	0.068	0.048	0.045	0.047	0.039	12
13	0.054	0.045	0.051	0.057	0.311	0.552	0.153	0.065	0.048	0.045	0.046	0.037	13
14	0.054	0.042	0.051	0.054	0.323	0.592	0.153	0.065	0.045	0.043	0.050	0.038	14
15	0.054	0.042	0.051	0.057	0.663	0.549	0.150	0.065	0.045	0.042	[illegible]	0.039	15
16	0.051	0.045	0.054	0.068	0.742	0.490	0.142	0.062	0.045	0.042	0.046	0.040	16
17	0.051	0.051	0.059	0.082	0.631	0.479	0.139	0.059	0.045	0.041	0.048	0.037	17
18	0.048	0.051	0.059	0.088	0.586	0.464	0.133	0.059	0.045	0.041	0.047	0.037	18
19	0.048	0.065	0.062	0.105	0.592	0.518	0.127	0.059	0.051	0.040	0.045	0.037	19
20	0.045	0.082	0.062	0.153	0.617	0.595	0.130	0.062	0.048	0.039	0.044	0.037	20
21	0.045	0.076	0.059	0.218	0.629	0.609	0.127	0.057	0.051	0.038	0.045	0.037	21
22	0.045	0.068	0.057	0.241	0.626	0.558	0.127	0.057	0.045	0.038	0.046	0.034	22
23	0.048	0.065	0.057	0.314	0.612	0.527	0.119	0.054	0.042	0.038	0.044	0.035	23
24	0.062	0.065	0.057	0.456	0.600	0.473	0.113	0.054	0.042	0.038	0.042	0.036	24
25	0.062	0.065	0.057	0.416	0.631	0.428	0.110	0.054	0.041	0.039	0.042	0.036	25
26	0.062	0.068	0.059	0.326	0.733	0.385	0.105	0.054	0.041	0.038	0.040	0.035	26
27	0.059	0.065	0.059	0.283	0.663	0.354	0.102	0.051	0.043	0.038	0.037	0.034	27
28	0.059	0.062	0.065	0.292	0.606	0.314	0.102	0.051	0.063	0.040	0.036	0.035	28
29	0.059		0.074	0.331	0.555	0.280	0.099	0.051	0.056	0.039	0.037	0.034	29
30	0.057		0.082	0.416	0.532	0.252	0.099	0.051	0.048	0.037	0.038	0.034	30
31	0.054		0.085		0.532		0.093	0.051		0.037		0.034	31
TOTAL	1.912	1.536	1.801	4.812	15.409	13.618	4.537	2.019	1.493	1.328	1.244	1.152	TOTAL
MEAN	0.062	0.055	0.058	0.160	0.497	0.454	0.146	0.065	0.050	0.043	0.041	0.037	MEAN
MAX	0.108	0.082	0.085	0.456	0.742	0.609	0.232	0.091	0.063	0.053	0.050	0.046	MAX
MIN	0.045	0.042	0.051	0.054	0.227	0.252	0.093	0.051	0.041	0.037	0.036	0.034	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.139
MAXIMUM DAILY, 0.742 ON MAY 16
MINIMUM DAILY, 0.034 ON DEC 22
MAXIMUM INSTANTANEOUS,
0.813 AT 20:55 MST ON MAY 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 19 N
LONG 116 23 34 W
DRAINAGE AREA, 8.29 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	165	JUL	392
FEB	133	AUG	174
MAR	156	SEP	129
APR	416	OCT	115
MAY	1 330	NOV	107
JUN	1 180	DEC	99.5

TOTAL DISCHARGE, 4 400 dam³

THOMPSON RIVER AT KAMLOOPS - STATION NO. 08LF023

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.151E	3.792	3.639	3.698	4.380	7.391	6.242	5.849	4.654	4.014	4.121	3.886	1
2	4.011	3.761	3.630	3.728	4.584	7.519	6.267	5.816	4.639	4.060	4.136	3.883	2
3	3.941	3.725	3.648	3.734	4.761	7.462	6.282	5.742	4.743	4.231	4.404	3.868	3
4	3.892	3.670	3.639	3.728	4.822	7.434	6.334	5.657	4.773	4.325	4.584	3.853	4
5	3.844	3.685	3.633	3.725	4.804	7.462	6.453	5.590	4.706	4.252	4.514	3.816	5
6	3.816	3.670	3.630	3.731	4.798	7.480	6.568	5.529	4.709	4.185	4.444	3.840	6
7	3.819	3.676	3.618	3.719	4.810	7.431	6.550	5.477	4.670	4.164	4.371	3.828	7
8	3.844	3.661	3.609	3.712	4.813	7.349	6.474	5.441	4.602	4.240	4.325	3.804	8
9	3.825	3.667	3.594	3.700	4.822	7.175	6.383	5.413	4.569	4.389	4.264	3.789	9
10	3.813	3.658E	3.594	3.691	4.868	7.059	6.221	5.422	4.581	4.386	4.228	3.761	10
11	3.795	3.652E	3.587	3.670	4.938	6.919	6.072	5.392	4.599	4.322	4.188	3.743	11
12	3.773	3.645E	3.578	3.682	5.026	6.803	5.971	5.361	4.587	4.261	4.151	3.743	12
13	3.755	3.639E	3.566	3.664	5.047	6.721	5.941	5.355	4.490	4.221	4.151	3.709	13
14	3.731	3.633	3.572	3.670	5.108	6.599	5.910	5.349	4.447	4.176	4.237	3.676	14
15	3.709	3.624	3.563	3.655	5.209	6.541	5.916	5.307	4.386	4.142	4.234	3.639	15
16	3.682	3.621	3.569	3.645	5.355	6.538	5.986	5.227	4.331	4.124	4.200	3.600	16
17	3.652	3.670	3.594	3.639	5.453	6.559	6.026	5.188	4.304	4.093	4.203	3.594	17
18	3.630	3.682	3.603	3.648	5.584	6.611	6.041	5.157	4.319	4.087	4.209	3.624	18
19	3.630	3.676	3.609	3.664	5.730	6.550	6.062	5.111	4.334	4.081	4.142	3.636	19
20	3.624	3.682	3.612	3.697	5.907	6.474	6.105	5.054	4.383	4.063	4.115	3.655	20
21	3.618	3.694	3.615	3.743	6.087	6.422	6.154	5.011	4.404	4.005	4.090	3.639	21
22	3.624	3.685	3.603	3.734	6.309	6.407	6.221	4.987	4.356	4.002	4.081	3.621	22
23	3.655	3.685	3.587	3.856	6.498	6.373	6.203	4.953	4.267	3.981	4.066	3.563	23
24	3.716	3.670	3.606	3.950	6.724	6.343	6.175	4.883	4.237	3.968	4.045	3.597	24
25	3.819	3.615	3.584	4.112	6.895	6.334	6.148	4.843	4.173	3.950	4.017	3.587	25
26	3.868	3.661	3.597	4.349	7.074	6.331	6.123	4.840	4.136	3.938	4.005	3.572	26
27	3.865	3.645	3.621	4.331	7.330	6.328	6.050	4.837	4.103	3.935	3.972	3.545	27
28	3.844	3.648	3.621	4.295	7.513	6.334	5.941	4.846	4.060	3.932	3.944	3.533	28
29	3.844		3.639	4.279	7.458	6.306	5.941	4.785	4.026	3.990	3.908	3.539	29
30	3.840		3.652	4.310	7.282	6.236	5.971	4.737	4.017	4.115	3.898	3.508	30
31	3.807		3.667		7.224		5.895	4.679		4.133		3.517	31
MEAN	3.788	3.671	3.609	3.825	5.715	6.783	6.149	5.221	4.420	4.121	4.175	3.683	MEAN
MAX	4.151	3.792	3.667	4.349	7.513	7.519	6.568	5.849	4.773	4.389	4.584	3.886	MAX
MIN	3.618	3.615	3.563	3.639	4.380	6.236	5.895	4.679	4.017	3.932	3.898	3.508	MIN

WATER LEVELS IN METRES

MEAN, 4.602
MAXIMUM DAILY, 7.519 ON JUN 2
MINIMUM DAILY, 3.508 ON DEC 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 53 N
LONG 120 20 56 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
37 800 km²

37 800 ²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 335.280 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

THOMPSON RIVER NEAR SPENCES BRIDGE - STATION NO. 08LF051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	521	408	359	363	728	2 440	1 760	1 540	772	470	494	436	1
2	524	405	356	369	743	2 510	1 760	1 510	755	463	511	429	2
3	513	395	353	374	782	2 520	1 770	1 470	749	474	521	421	3
4	499	384	351	380	847	2 510	1 770	1 430	770	501	571	417	4
5	480	376	348	386	896	2 500	1 800	1 390	781	535	632	415	5
6	468	368	349	386	914	2 520	1 860	1 340	777	544	663	406	6
7	455	363	349	386	922	2 490	1 910	1 290	772	541	663	404	7
8	445	361	348	386	929	2 460	1 910	1 260	758	543	648	396	8
9	439	356	346	384	934	2 400	1 860	1 230	731	559	623	394	9
10	433	345	343	383	941	2 320	1 800	1 220	711	583	604	388	10
11	425	334	341	383	964	2 220	1 730	1 200	709	594	588	380	11
12	416	326	339	378	1 010	2 140	1 660	1 180	704	591	572	371	12
13	409	324	338	375	1 060	2 080	1 600	1 170	693	583	560	367	13
14	400	328	336	374	1 100	2 030	1 570	1 160	673	566	555	362	14
15	391	335	335	372	1 160	1 980	1 550	1 150	652	550	559	353	15
16	383	341	334	367	1 220	1 950	1 560	1 120	624	534	562	343	16
17	375	350	333	365	1 290	1 940	1 580	1 090	604	522	557	334	17
18	369	359	334	364	1 360	1 970	1 600	1 060	589	510	554	330	18
19	363	367	337	364	1 460	1 970	1 620	1 030	582	499	550	332	19
20	355	373	339	368	1 570	1 940	1 640	1 010	586	491	540	328	20
21	354	370	342	375	1 690	1 910	1 670	984	595	483	529	324	21
22	356	369	344	384	1 800	1 880	1 690	957	600	476	517	322	22
23	357	370	345	407	1 910	1 860	1 710	940	588	467	510	318	23
24	358	370	344	461	2 040	1 840	1 710	912	570	457	500	314	24
25	364	369	345	490	2 170	1 830	1 700	878	549	450	491	313	25
26	380	368	344	521	2 290	1 810	1 690	853	533	442	483	311	26
27	395	366	344	571	2 390	1 800	1 660	846	520	438	472	309	27
28	407	362	346	604	2 510	1 800	1 620	840	503	435	462	304	28
29	413		350	631	2 560	1 800	1 580	835	486	436	455	302	29
30	415		353	665	2 510	1 780	1 570	815	475	445	443	296	30
31	413		358		2 430		1 560	790		475		288	31
TOTAL	12 875	10 142	10 683	12 616	45 130	63 200	52 470	34 500	19 411	15 657	16 389	11 007	TOTAL
MEAN	415	362	345	421	1 460	2 110	1 690	1 110	647	505	546	355	MEAN
MAX	524	408	359	665	2 560	2 520	1 910	1 540	781	594	663	436	MAX
MIN	354	324	333	363	728	1 780	1 550	790	475	435	443	288	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 833
MAXIMUM DAILY, 2 560 ON MAY 29
MINIMUM DAILY, 288 ON DEC 31
MAXIMUM INSTANTANEOUS,
2 570 AT 14:31 PST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 25 N
LONG 121 23 38 W
DRAINAGE AREA, 54 900 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 110 000	JUL	4 530 000
FEB	876 000	AUG	2 980 000
MAR	923 000	SEP	1 680 000
APR	1 090 000	OCT	1 350 000
MAY	3 900 000	NOV	1 420 000
JUN	5 460 000	DEC	951 000

TOTAL DISCHARGE, 26 300 000 dam³

TOAD RIVER ABOVE NONDA CREEK - STATION NO. 10BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.2 B	8.83B	7.20B	7.21B	12.7A	244	102	61.0	83.9	32.8	28.4	17.2 B	1
2	11.3 B	8.78B	7.30B	7.20B	13.2	212	110	58.3	77.7	31.7	27.9	17.0 B	2
3	11.3 B	8.45B	7.40B	7.18B	12.4	168	115	56.6	71.2	30.8	27.9	16.7 B	3
4	11.1 B	8.35B	7.31B	7.13B	13.5	148	104	57.3	65.1	29.9	27.7	16.3 B	4
5	10.6 B	8.40B	7.15B	7.06B	16.0	129	92.4	55.8	59.3	27.8	27.0	15.6 B	5
6	10.5 B	8.44B	7.13B	7.00B	18.8	115	84.5	55.1	55.9	27.8	26.9	14.9 B	6
7	10.4 B	8.30B	7.14B	6.95B	21.9	105	77.2	54.5	54.5	27.5	25.0	14.6 B	7
8	10.5 B	7.90B	7.19B	6.93B	24.3	94.0	72.0	53.3	55.5	26.6	24.5	14.3 B	8
9	10.6 B	7.55B	7.41B	6.87B	23.9	86.5	66.4	51.9	56.5	26.1	24.0	14.1 B	9
10	10.8 B	7.40B	7.38B	6.83B	25.0	82.3	62.7	50.7	56.8	25.8	23.6	14.0 B	10
11	10.9 B	7.40B	7.40B	6.80B	27.5	84.1	67.9	50.2	54.9	25.2	23.5	13.9 B	11
12	11.0 B	7.40B	7.41B	6.80B	30.2	88.0	83.0	48.0	51.4	24.7	23.3	13.8 B	12
13	11.0 B	7.50B	7.39B	6.80B	31.9	89.5	94.2	45.8	47.9	25.2	22.9B	13.8 B	13
14	10.8 B	7.62B	7.35B	6.90B	31.1	92.9	95.9	43.6	44.9	26.9	22.6B	13.7 B	14
15	10.6 B	7.48B	7.32B	7.00B	32.5	107	93.2	42.3	43.7	29.2	22.4B	13.6 B	15
16	10.4 B	7.40B	7.25B	7.08B	38.7	113	92.3	40.9	41.6	34.7	22.1B	13.5 B	16
17	10.4 B	7.60B	7.27B	7.15B	50.3	109	97.3	39.7	40.6	36.2	21.8B	13.4 B	17
18	10.5 B	7.45B	7.14B	7.20B	67.8	108	101	38.4	40.5	36.1	21.5B	13.2 B	18
19	10.5 B	7.39B	7.03B	7.20B	79.1	110	108	38.0	43.0	34.7	21.1B	13.0 B	19
20	10.2 B	7.40B	6.95B	7.22B	89.0	114	108	38.1	44.1	32.8	20.8B	12.6 B	20
21	10.3 B	7.42B	6.94B	7.20B	99.2	122	99.8	37.2	42.9	30.8	20.4B	12.4 B	21
22	10.3 B	7.30B	6.98B	7.20B	125	124	92.8	36.2	41.6	30.8	20.0B	12.1 B	22
23	10.0 B	7.40B	7.00B	7.18B	142	122	86.0	35.7	40.7	30.1	19.6B	12.0 B	23
24	9.50B	7.30B	7.03B	7.22B	136	126	78.5	35.0	39.1	31.2	19.0B	11.8 B	24
25	9.06B	7.08B	7.07B	7.30B	142	128	75.3	35.5	37.9	33.5	18.6B	11.6 B	25
26	8.83B	7.00B	7.07B	7.50B	211	125	74.6	38.5	36.7	31.2	18.2B	11.5 B	26
27	8.75B	7.03B	7.02B	7.90B	424	124	73.0	46.5	35.5	29.0	17.9B	11.0 B	27
28	8.70B	7.11B	6.97B	8.50B	376	119	70.4	118	34.6	28.9	17.8B	10.8 B	28
29	8.70B		6.97B	9.40B	300	111	66.8	118	33.7	29.1	17.7B	10.6 B	29
30	8.77B		7.00B	10.8 B	270	110	64.0	101	32.7	29.1	17.5B	10.3 B	30
31	8.82B		7.10B		264		62.2	89.2		28.8		9.85B	31
TOTAL	316.33	214.68	222.27	220.71	3 149.0	3 610.3	2 670.4	1 670.3	1 464.4	925.0	671.6	413.15	TOTAL
MEAN	10.2	7.67	7.17	7.36	102	120	86.1	53.9	48.8	29.8	22.4	13.3	MEAN
MAX	11.3	8.83	7.41	10.8	424	244	115	118	83.9	36.2	28.4	17.2	MAX
MIN	8.70	7.00	6.94	6.80	12.4	82.3	62.2	35.0	32.7	24.7	17.5	9.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.6
MAXIMUM DAILY, 424 ON MAY 27
MINIMUM DAILY, 6.80B ON APR 11
MAXIMUM INSTANTANEOUS,
483 AT 19:38 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 20 N
LONG 125 22 50 W
DRAINAGE AREA, 2 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 300	JUL	231 000
FEB	18 500	AUG	144 000
MAR	19 200	SEP	127 000
APR	19 100	OCT	79 900
MAY	272 000	NOV	58 000
JUN	312 000	DEC	35 700

TOTAL DISCHARGE, 1 340 000 dam³

TOBY CREEK NEAR ATHALMER - STATION NO. 08NA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.51B	3.09B	2.27B	3.19	18.9	46.8	58.5	38.3	20.1	6.14	4.59	2.97B	1
2	5.10B	3.03B	2.21B	3.21	21.1	45.6	44.2	36.4	17.8	9.28	4.65	3.11B	2
3	4.25B	2.94B	2.15B	3.20	17.0	50.0	45.1	34.3	14.3	7.18	4.45	2.97B	3
4	3.96B	2.80B	2.27B	2.92	14.7	49.1	68.3	33.0	13.0	6.45	4.30	2.92B	4
5	3.74B	2.58B	2.21B	3.01	14.4	41.7	76.4	31.3	12.9	5.79	3.87	3.03B	5
6	3.77B	2.58B	2.12B	2.86	13.2	42.0	68.8	33.3	12.4	5.73	3.68B	3.11B	6
7	3.82B	2.61B	1.98B	2.76	12.6	40.0	57.4	36.9	13.5	6.34	3.62B	3.06B	7
8	3.91B	2.61B	2.04B	2.74	12.3	34.9	41.2	39.3	16.0	6.41	3.65B	2.97B	8
9	3.99B	2.38B	2.10B	2.77	12.3	31.6	31.7	38.5	17.5	6.07	3.75	3.11B	9
10	4.11B	1.98B	2.15B	2.55	12.1	29.0	27.3	37.0	19.0	5.58	3.41	3.37B	10
11	3.99B	1.98B	2.24B	2.47	12.6	27.1	26.9	37.1	15.6	5.38	4.10	3.34B	11
12	3.88B	2.01B	2.32B	2.52	12.5	26.0	30.8	37.5	16.1	5.25	4.00	3.20B	12
13	3.77B	2.07B	2.41B	2.42	12.5	25.6	42.5	37.8	14.4	5.02	3.90	2.94B	13
14	3.65B	2.15B	2.49B	2.46	13.6	24.5	53.5	35.4	12.9	5.06	3.73	2.86B	14
15	3.51B	2.24B	2.61B	2.66	15.4	26.1	42.3	34.8	13.3	4.87	3.77	2.89B	15
16	3.37B	2.32B	2.72B	3.54	17.5	29.8	43.8	34.3	15.1	4.77	3.66	2.86B	16
17	3.23B	2.38B	2.80B	3.51	17.1	28.3	44.6	31.7	16.1	4.60	3.63	2.92B	17
18	3.09B	2.44B	2.78B	3.57	19.3	25.0	48.6	29.7	16.7	4.44	3.69	2.94B	18
19	3.11B	2.40B	2.60B	3.98	25.3	23.5	50.6	29.7	18.7	4.39	3.57	3.00B	19
20	3.26B	2.35B	2.55B	4.34	35.2	23.2	46.1	42.0	14.2	4.30	3.51	3.14B	20
21	3.34B	2.27B	2.61B	4.81	43.6	22.4	43.7	31.2	10.5	3.87	3.56	3.00B	21
22	3.43B	2.44B	2.72B	4.97	48.0	21.2	44.5	25.1	9.37	3.93	3.57	2.94B	22
23	3.54B	2.41B	2.84	5.92	53.7	20.8	42.1	25.5	8.70	4.29	3.52	2.86B	23
24	3.68B	2.41B	2.83	12.1	60.4	20.2	40.6	25.7	7.91	4.19	2.93	2.92B	24
25	3.62B	2.41B	2.85	11.3	68.3	23.0	48.4	29.0	7.27	4.24	2.72B	2.97B	25
26	3.45B	2.35B	2.96	9.30	78.3	32.0	40.1	29.8	6.95	4.93	2.63B	2.92B	26
27	3.34B	2.29B	3.02	8.66	67.9	40.1	42.2	26.7	6.70	4.93	2.61B	2.86B	27
28	3.28B	2.32B	2.99	8.45	57.8	32.3	51.8	21.1	6.69	4.91	2.44B	2.80B	28
29	3.23B		3.18	8.64	54.1	31.8	53.8	19.4	6.57	4.76	2.55B	2.75B	29
30	3.26B		3.46	9.30	57.1	40.2	49.3	19.0	6.32	4.51	2.63B	2.66B	30
31	3.20B		3.30		56.6		39.1	16.7		4.42		2.58B	31
TOTAL	115.39	67.84	79.78	144.13	975.4	953.8	1 444.2	977.5	386.58	162.03	106.69	91.97	TOTAL
MEAN	3.72	2.42	2.57	4.80	31.5	31.8	46.6	31.5	12.9	5.23	3.56	2.97	MEAN
MAX	6.51	3.09	3.46	12.1	78.3	50.0	76.4	42.0	20.1	9.28	4.65	3.37	MAX
MIN	3.09	1.98	1.98	2.42	12.1	20.2	26.9	16.7	6.32	3.87	2.44	2.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 78.3 ON MAY 26
MINIMUM DAILY, 1.98B ON FEB 10
MAXIMUM INSTANTANEOUS,
85.2 AT 02:15 MST ON JUL 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 39 N
LONG 116 02 37 W
DRAINAGE AREA, 684 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 970	JUL	125 000
FEB	5 860	AUG	84 500
MAR	6 890	SEP	33 400
APR	12 500	OCT	14 000
MAY	84 300	NOV	9 220
JUN	82 400	DEC	7 950

TOTAL DISCHARGE, 476 000 dam³

TRAIL CREEK AT FRENCH STREET,TRAIL - STATION NO. 08NE118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.58	1.68	0.716	0.641	0.201	0.087	---	---	---	1
2	---	---	---	1.52	1.63	0.669	0.600	0.187	0.087	---	---	---	2
3	---	---	---	1.47	1.63	0.688	0.584	0.173	0.079	---	---	---	3
4	---	---	---	1.46	1.61	0.660	0.507	0.159	0.087	---	---	---	4
5	---	---	---	1.49	1.31	0.631	0.624	0.159	0.087	---	---	---	5
6	---	---	---	1.44	1.17	0.866	0.765	0.159	0.070	---	---	---	6
7	---	---	---	1.43	1.11	0.866	0.952	0.159	0.070	---	---	---	7
8	---	---	---	1.46	1.11	0.998	0.765	0.159	0.070	---	---	---	8
9	---	---	---	1.46	0.987	1.12	0.650	0.144	0.047	---	---	---	9
10	---	---	---	1.46	0.929	1.16	0.616	0.144	0.047	---	---	---	10
11	---	---	---	1.46	1.11	1.02	0.592	0.122	0.040	---	---	---	11
12	---	---	---	1.44	0.987	0.987	0.560	0.116	0.040	---	---	---	12
13	---	---	---	1.43	0.918	0.964	0.576	0.111	0.047	---	---	---	13
14	---	---	---	1.44	0.855	1.15	0.576	0.116	0.051	---	---	---	14
15	---	---	---	1.43	1.34	1.16	0.535	0.125	0.058	---	---	---	15
16	---	---	---	1.44	1.26	0.998	0.413	0.120	0.066	---	---	---	16
17	---	---	---	1.43	1.17	0.940	0.394	0.141	0.054	---	---	---	17
18	---	---	---	1.43	1.06	1.16	0.371	0.120	0.033	---	---	---	18
19	---	---	---	1.44	0.975	1.31	0.348	0.111	0.062	---	---	---	19
20	---	---	---	1.44	0.952	1.16	0.328	0.356	0.054	---	---	---	20
21	---	---	---	1.44	0.929	1.07	0.484	0.162	0.120	---	---	---	21
22	---	---	---	1.49	1.08	1.16	0.459	0.146	0.079	---	---	---	22
23	---	---	---	1.50	0.929	1.11	0.371	0.116	0.070	---	---	---	23
24	---	---	---	1.52	0.887	0.940	0.328	0.106	0.070	---	---	---	24
25	---	---	---	1.49	1.10	0.918	0.348	0.092	0.070	---	---	---	25
26	---	---	---	1.58	1.04	0.765	0.292	0.083	0.066	---	---	---	26
27	---	---	---	1.55	0.897	0.716	0.252	0.083	0.079	---	---	---	27
28	---	---	---	1.63	0.804	0.697	0.218	0.074	0.087	---	---	---	28
29	---		---	1.65	0.745	0.669	0.235	0.116	0.074	---	---	---	29
30	---		---	1.70	0.765	0.624	0.235	0.106	0.097	---	---	---	30
31	---		---		0.908		0.218	0.087		---		---	31
TOTAL	---	---	---	44.70	33.877	27.892	14.837	4.253	2.044	---	---	---	TOTAL
MEAN	---	---	---	1.49	1.09	0.930	0.479	0.137	0.068	---	---	---	MEAN
MAX	---	---	---	1.70	1.68	1.31	0.952	0.356	0.120	---	---	---	MAX
MIN	---	---	---	1.43	0.745	0.624	0.218	0.074	0.033	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.70 ON APR 30
MINIMUM DAILY, 0.033 ON SEP 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 47 N
LONG 117 44 05 W
DRAINAGE AREA, 51.0 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 280
FEB	---	AUG	367
MAR	---	SEP	177
APR	3 860	OCT	---
MAY	2 930	NOV	---
JUN	2 410	DEC	---

TRAPPING CREEK AT 1220 m CONTOUR - STATION NO. 08NN020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.167B	0.113B	0.102	0.122	1.95	2.08	2.00	0.374	0.212	0.212	0.537	0.168	1
2	0.159B	0.105B	0.102	0.119	1.70	2.14	1.22	0.351	0.201	0.325	0.542	0.156	2
3	0.164B	0.096B	0.102	0.116	1.16	1.88	1.12	0.470	0.156	0.231	0.513	0.136B	3
4	0.176B	0.091B	0.099	0.116	0.923	1.96	1.16	0.428	0.147	0.198	0.430	0.139B	4
5	0.167B	0.091B	0.099	0.116	0.784	1.88	0.934	0.357	0.144	0.185	0.375	0.147	5
6	0.161B	0.088B	0.096	0.119	0.742	3.14	0.821	0.320	0.136	0.370	0.329	0.152	6
7	0.156B	0.091B	0.096	0.116	0.697	1.93	1.03	0.292	0.130	0.786	0.307	0.157	7
8	0.161B	0.088B	0.093	0.119	0.733	1.53	1.06	0.283	0.122	0.560	0.288	0.147	8
9	0.170B	0.074B	0.093	0.116	0.867	1.64	1.09	0.272	0.119	0.458	0.279	0.141	9
10	0.173B	0.068B	0.096	0.116	0.994	1.99	1.76	0.235	0.113	0.382	0.265	0.144	10
11	0.164B	0.082B	0.102	0.116	1.12	1.74	1.79	0.207	0.110	0.332	0.260	0.127B	11
12	0.167B	0.096B	0.105	0.113	1.22	1.37	1.11	0.187	0.110	0.307	0.282	0.119B	12
13	0.156B	0.102B	0.108	0.113	1.31	1.38	1.41	0.176	0.108	0.284	0.265	0.116B	13
14	0.144B	0.108B	0.113	0.116	1.43	1.34	1.58	0.170	0.108	0.281	0.252	0.122B	14
15	0.147B	0.108	0.119	0.136	1.75	1.45	1.11	0.161	0.108	0.295	0.239	0.134	15
16	0.142B	0.113	0.125	0.150	1.68	1.64	0.974	0.176	0.105	0.324	0.230	0.116	16
17	0.139B	0.119	0.116	0.159	1.72	1.37	0.878	0.249	0.105	0.338	0.212	0.110	17
18	0.147B	0.113	0.113	0.193	2.15	1.17	1.03	0.184	0.105	0.318	0.209	0.111	18
19	0.156B	0.116	0.113	0.238	3.37	1.51	1.14	0.164	0.153	0.317	0.198	0.114	19
20	0.164B	0.113	0.113	0.297	4.47	1.53	1.26	0.176	0.159	0.284	0.196	0.113	20
21	0.178B	0.110	0.113	0.300	5.41	1.23	0.878	0.170	0.147	0.238	0.197	0.109	21
22	0.190B	0.110	0.116	0.311	3.68	1.19	0.728	0.153	0.150	0.228	0.193	0.105	22
23	0.173B	0.108	0.113	0.436	3.40	1.16	0.697	0.142	0.144	0.219	0.187	0.103	23
24	0.147B	0.113	0.113	0.753	3.68	1.13	1.08	0.133	0.156	0.224	0.174	0.104	24
25	0.139B	0.108	0.113	0.705	5.47	1.47	0.915	0.127	0.159	0.227	0.158	0.106	25
26	0.125B	0.105	0.113	0.631	3.68	1.69	0.685	0.119	0.147	0.261	0.174	0.105	26
27	0.127B	0.102	0.116	0.617	3.00	1.43	0.572	0.116	0.142	0.278	0.157	0.104	27
28	0.133B	0.102	0.119	0.544	2.92	1.12	0.501	0.113	0.198	0.422	0.180	0.104	28
29	0.136B		0.122	0.580	2.92	1.11	0.470	0.122	0.212A	0.405	0.178	0.104	29
30	0.122B		0.122	1.13	3.54	1.25	0.456	0.153	0.234	0.322	0.171	0.102	30
31	0.116B		0.122		2.64		0.413	0.133		0.354		0.099	31
TOTAL	4.766	2.833	3.387	8.813	71.110	47.45	31.872	6.713	4.340	9.965	7.977	3.814	TOTAL
MEAN	0.154	0.101	0.109	0.294	2.29	1.58	1.03	0.217	0.145	0.321	0.266	0.123	MEAN
MAX	0.190	0.119	0.125	1.13	5.47	3.14	2.00	0.470	0.234	0.786	0.542	0.168	MAX
MIN	0.116	0.068	0.093	0.113	0.697	1.11	0.413	0.113	0.105	0.185	0.157	0.099	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.556
MAXIMUM DAILY, 5.47 ON MAY 25
MINIMUM DAILY, 0.068B ON FEB 10
MAXIMUM INSTANTANEOUS,
10.2 AT 23:14 PST ON MAY 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 00 N
LONG 118 54 35 W
DRAINAGE AREA, 22.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	412	JUL	2 750
FEB	245	AUG	580
MAR	293	SEP	375
APR	761	OCT	861
MAY	6 140	NOV	689
JUN	4 100	DEC	330

TOTAL DISCHARGE, 17 500 dam³

TRAPPING CREEK NEAR THE MOUTH - STATION NO. 08NN019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.462B	0.283B	0.439B	.35	8.38	6.82	4.76	1.49	0.702	0.691	1.26	1.87	1
2	0.416B	0.258B	0.402B	1.27	7.82	6.71	3.26	1.39	0.787	0.914	1.49	1.47	2
3	0.430B	0.232B	0.462B	1.21	6.17	5.9/	2.82	1.38	0.614	0.776	1.46	2.23 A	3
4	0.447B	0.218B	0.487B	1.14	5.72	6.03	2.70	1.58	0.589	0.678	1.39	2.41 E	4
5	0.425B	0.215B	0.459	1.17	5.13	5.52	2.55	1.45	0.561	0.635	1.22	2.48 E	5
6	0.399B	0.218B	0.445B	1.20	4.59	8.41	2.40	1.33	0.501	0.941	1.06	2.04 E	6
7	0.388B	0.227B	0.464B	1.12	4.13	6.12	3.31	1.24	0.459	1.78	1.01	1.67 E	7
8	0.408B	0.212B	0.496B	1.11	4.02	5.61	3.40	1.14	0.422	1.77	1.00	1.60 E	8
9	0.422B	0.178B	0.547B	1.07	4.25	6.46	3.06	1.04	0.388	1.58	0.969	1.59 E	9
10	0.419B	0.198B	0.578B	0.994	4.56	8.92	3.65	0.980	0.357	1.50	0.946	1.47 A	10
11	0.408B	0.246B	0.691B	1.01	4.98	8.61	4.70	0.909	0.337	1.44	0.922	0.994B	11
12	0.388B	0.266B	0.682B	0.971	5.52	6.46	3.11	0.838	0.320	1.35	0.902	0.799B	12
13	0.377B	0.323B	0.674B	0.909	5.80	6.74	3.17	0.801	0.257	1.27	0.896	0.782B	13
14	0.362B	0.433B	0.722B	0.932	6.23	6.00	4.25	0.759	0.280	1.21	0.885	0.796B	14
15	0.368B	0.504B	0.793B	1.10	8.30	5.47	3.23	0.719	0.272	1.17	0.872	0.748B	15
16	0.354B	0.547B	0.864B	1.31	7.67	5.47	2.89	0.708	0.269	1.13	0.848	0.697B	16
17	0.343B	0.552B	0.881B	1.44	7.76	4.64	2.55	1.05	0.252	1.10	0.834	0.663B	17
18	0.374B	0.530B	0.821B	1.73	8.92	4.42	2.63	0.855	0.241	1.07	0.830	0.680B	18
19	0.411B	0.515B	0.796B	2.10	11.3	5.44	2.81	0.750	0.365	1.03	0.815	0.688B	19
20	0.456B	0.521B	0.759B	2.41	12.9	5.24	3.74	0.813	0.541	1.02	0.809	0.665B	20
21	0.493B	0.532B	0.757B	2.60	18.4	4.28	2.72	0.878	0.498	0.971	0.833	0.600B	21
22	0.501B	0.527B	0.799B	2.92	13.4	4.28	2.25	0.733	0.507	0.928	0.841	0.547B	22
23	0.467B	0.518B	0.850B	3.68	12.0	4.13	2.09	0.660	0.464	0.901	0.812	0.558B	23
24	0.382B	0.493B	0.912	6.46	12.1	3.77	2.86	0.614	0.527	0.880	0.776	0.569B	24
25	0.345B	0.470B	0.954	5.72	15.7	3.74	2.62	0.552	0.496	0.878	0.679	0.530B	25
26	0.314B	0.467B	1.01	4.79	14.4	3.91	2.12	0.510	0.445	0.854	0.738	0.479B	26
27	0.320B	0.464B	1.06	4.53	10.4	3.48	1.97	0.484	0.419	0.820	0.675	0.515B	27
28	0.328B	0.453B	1.11	3.96	9.49	3.06	1.85	0.450	0.566	1.03	1.26	0.507B	28
29	0.337B		1.31	3.82	8.81	2.83	1.76	0.462	0.685A	1.37	1.64	0.462B	29
30	0.306B		1.37	5.41	9.77	2.94	1.68	0.651	0.789	1.10	1.73	0.408B	30
31	0.292B		1.29		9.03		1.59	0.552		1.01		0.377B	31
TOTAL	12.142	10.600	23.894	69.436	267.65	161.48	88.50	27.768	13.950	33.797	30.402	31.894	TOTAL
MEAN	0.392	0.379	0.771	2.31	8.63	5.38	2.85	0.896	0.465	1.09	1.01	1.03	MEAN
MAX	0.501	0.552	1.37	6.46	18.4	8.92	4.76	1.58	0.789	1.78	1.73	2.48	MAX
MIN	0.292	0.178	0.402	0.909	4.02	2.83	1.59	0.450	0.241	0.635	0.675	0.377	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.11
MAXIMUM DAILY, 18.4 ON MAY 21
MINIMUM DAILY, 0.178B ON FEB 9
MAXIMUM INSTANTANEOUS,
23.8 AT 21:47 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 119 03 08 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	7 650
FEB	916	AUG	2 400
MAR	2 060	SEP	1 210
APR	6 000	OCT	2 920
MAY	23 100	NOV	2 630
JUN	14 000	DEC	2 760

TOTAL DISCHARGE, 66 700 dam³

TREPANIER CREEK AT THE MOUTH - STATION NO. 08NM155

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.115	0.119B	0.189	0.394	4.38	3.44	0.746	0.394	0.163	0.139	0.349	0.178	1
2	0.099	0.099B	0.200	0.394	4.44	2.94	0.693	0.364	0.147	0.170	0.349	0.170	2
3	0.099	0.076B	0.178	0.394	4.12	2.88	0.640	0.319	0.178	0.163	0.379	0.139	3
4	0.088	0.048B	0.189	0.379	3.75	2.88	0.600	0.304	0.139	0.147	0.379	0.170	4
5	0.088	0.037B	0.170	0.379	3.00	1.78 E	0.580	0.278	0.170	0.170	0.349	0.234	5
6	0.088	0.028B	0.170	0.364	2.69	2.38 E	0.499	0.245	0.139	0.234	0.364	0.223	6
7	0.083	0.025B	0.163	0.349	2.39	2.07 E	0.479	0.223	0.123	0.278	0.334	0.200	7
8	0.078	0.023B	0.147	0.349	2.69	1.81 E	0.519	0.212	0.094	0.304	0.379	0.189	8
9	0.078	0.020B	0.139	0.349	3.50	1.81 E	0.580	0.200	0.072	0.278	0.349	0.200	9
10	0.083	0.023B	0.147	0.349	3.62	1.81 E	0.600	0.178	0.045	0.245	0.334	0.200	10
11	0.088	0.023B	0.147	0.349	3.87	1.81 E	0.600	0.170	0.043	0.234	0.349	0.178	11
12	0.088	0.099B	0.155	0.349	4.00	1.53 E	0.560	0.155	0.043	0.200	0.379	0.153B	12
13	0.099	0.368B	0.163	0.334	4.25	1.44 E	0.560	0.147	0.045	0.189	0.409	0.139B	13
14	0.078	0.212B	0.178	0.334	4.64	1.53 E	0.580	0.139	0.043	0.212	0.424	0.130B	14
15	0.045	0.189	0.189	0.364	5.61	1.53 E	0.640	0.131	0.043	0.189	0.424	0.136B	15
16	0.026	0.212	0.200	0.394	5.32	1.27 E	0.667	0.115	0.043	0.189	0.409	0.119B	16
17	0.048B	0.234	0.234	0.409	5.18	1.25 E	0.640	0.163	0.040	0.170	0.379	0.119B	17
18	0.062B	0.212	0.223	0.499	5.68	1.27 E	0.600	0.147	0.033	0.163	0.364	0.122B	18
19	0.085B	0.334	0.234	0.539	6.05	1.27 E	0.640	0.115	0.038	0.170	0.334	0.125B	19
20	0.083	0.245	0.223	0.580	6.42	1.27 E	0.640	0.139	0.078	0.178	0.364	0.113B	20
21	0.107	0.189	0.223	0.693	7.52	1.27 E	0.640	0.139	0.072	0.170	0.334	0.105B	21
22	0.123	0.170	0.234	0.826	6.56	1.27 E	0.600	0.131	0.088	0.170	0.349	0.091B	22
23	0.155	0.155	0.223	0.981	6.12	1.28	0.519	0.115	0.083	0.178	0.334	0.088B	23
24	0.163	0.189	0.234	1.28	5.83	1.21	0.560	0.078	0.088	0.170	0.304	0.102B	24
25	0.155	0.212	0.234	1.28	5.75	1.02	0.600	0.051	0.094	0.170	0.334	0.102B	25
26	0.163	0.234	0.245	1.53	6.86	0.981	0.560	0.072	0.107	0.178	0.334	0.091B	26
27	0.163	0.200	0.256	1.53	5.25	1.02	0.519	0.072	0.115	0.200	0.304	0.082B	27
28	0.155	0.212	0.304	1.68	4.44	0.773	0.424	0.078	0.139	0.234	0.278	0.079B	28
29	0.147		0.364	1.78	4.19	0.773	0.379	0.094	0.139	0.256	0.256	0.085B	29
30	0.147		0.409	2.33	4.00	0.746	0.424	0.139	0.131	0.278	0.245	0.079B	30
31	0.139		0.379		3.75		0.409	0.147		0.319		0.074B	31
TOTAL	3.218	4.187	6.743	21.761	145.87	48.313	17.697	5.254	2.775	6.345	10.472	4.215	TOTAL
MEAN	0.104	0.150	0.218	0.725	4.71	1.61	0.571	0.169	0.093	0.205	0.349	0.136	MEAN
MAX	0.163	0.368	0.409	2.33	7.52	3.44	0.746	0.394	0.178	0.319	0.424	0.234	MAX
MIN	0.026	0.020	0.139	0.334	2.39	0.746	0.379	0.051	0.033	0.139	0.245	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.758
MAXIMUM DAILY, 7.52 ON MAY 21
MINIMUM DAILY, 0.020B ON FEB 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 47 09 N
LONG 119 42 51 W
DRAINAGE AREA, 254 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	278	JUL	1 530
FEB	362	AUG	454
MAR	583	SEP	240
APR	1 880	OCT	548
MAY	12 600	NOV	905
JUN	4 170	DEC	364

TOTAL DISCHARGE, 23 900 dam³

TREPANIER CREEK NEAR PEACHLAND - STATION NO. 08NM041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	0.221A	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	0.340A	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	0.252A	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	0.275A	0.314A	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	0.297A	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	0.201A	22
23	---	---	---	---	---	1.18A	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	1.32 A	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 20 N
LONG 119 46 35 W
DRAINAGE AREA, 179 km²
A - MANUAL GAUGE

REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

TRINITY CREEK ABOVE DIVERSION - STATION NO. 08LC048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.504E	1.63	1.45	0.872	0.319	0.140	---	---	---	1
2	---	---	---	0.513E	1.63	1.20	0.711	0.306	0.200	---	---	---	2
3	---	---	---	0.521E	1.63	1.12	0.624	0.312	0.146	---	---	---	3
4	---	---	---	0.532E	1.37	1.20	0.540	0.299	0.140	---	---	---	4
5	---	---	---	0.521E	1.42	1.07	0.513	0.293	0.135	---	---	---	5
6	---	---	---	0.521E	1.16	1.19	0.481	0.268	0.110	---	---	---	6
7	---	---	---	0.522	1.03	0.991	0.567	0.250	0.105	---	---	---	7
8	---	---	---	0.513	1.11	0.955	0.662	0.244	0.101	---	---	---	8
9	---	---	---	0.513	1.12	0.943	0.549	0.210	0.092	---	---	---	9
10	---	---	---	0.480	1.13	1.11	0.531	0.194	0.083	---	---	---	10
11	---	---	---	0.464	1.03	1.20	0.643	0.167	0.083	---	---	---	11
12	---	---	---	0.464	1.03	1.02	0.589	0.167	0.070	---	---	---	12
13	---	---	---	0.480	1.25	1.09	0.480	0.146	0.067	---	---	---	13
14	---	---	---	0.449	1.29	1.05	1.09	0.135	0.063	---	---	---	14
15	---	---	---	0.441	1.42	0.979	0.850	0.130	0.063	---	---	---	15
16	---	---	---	0.425	2.14	1.02	0.772	0.114	0.063	---	---	---	16
17	---	---	---	0.464	1.58	0.955	0.595	0.110	0.057	---	---	---	17
18	---	---	---	0.464	1.99	0.918	0.633	0.105	0.060	---	---	---	18
19	---	---	---	0.480	1.95	1.32	0.586	0.092	0.096	---	---	---	19
20	---	---	---	0.522	2.14	1.20	0.549	0.087	0.092	---	---	---	20
21	---	---	---	0.567	2.39	1.05	0.540	0.083	0.105	---	---	---	21
22	---	---	---	0.662	2.01	1.02	0.496	0.083	0.087	---	---	---	22
23	---	---	---	0.804	1.99	1.07	0.456	0.083	0.083	---	---	---	23
24	---	---	---	1.63	1.91	0.991	0.464	0.078	0.114	---	---	---	24
25	---	---	---	1.48	1.73	0.872	0.456	0.070	0.105	---	---	---	25
26	---	---	---	1.23	2.09	0.816	0.442	0.063	0.092	---	---	---	26
27	---	---	---	1.12	1.73	0.762	0.381	0.063	0.087	---	---	---	27
28	---	---	---	1.22	1.45	0.711	0.345	0.063	0.135	---	---	---	28
29	---		---	1.22	1.25	0.662	0.325	0.063	0.096	---	---	---	29
30	---		---	1.22	1.20	0.604	0.345	0.135	0.092	---	---	---	30
31	---		---		1.51		0.325	0.105		---		---	31
TOTAL	---	---	---	20.946	48.31	30.539	17.372	4.837	2.962	---	---	---	TOTAL
MEAN	---	---	---	0.698	1.56	1.02	0.560	0.156	0.099	---	---	---	MEAN
MAX	---	---	---	1.63	2.39	1.45	1.09	0.319	0.200	---	---	---	MAX
MIN	---	---	---	0.425	1.03	0.604	0.325	0.063	0.057	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.39 ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 24 50 N
LONG 118 56 00 W
DRAINAGE AREA, 42.9 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 500
FEB	---	AUG	418
MAR	---	SEP	256
APR	1 810	OCT	---
MAY	4 170	NOV	---
JUN	2 640	DEC	---

TROUT CREEK AT THE MOUTH - STATION NO. 08NM158

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.629	0.425B	0.425	0.527	4.84	14.3	3.94	1.83	0.560	0.491	0.515	0.491	1
2	0.561	0.388B	0.358	0.493	6.85	11.6	3.51	1.53	0.650	0.560	0.560	0.447B	2
3	0.527	0.365B	0.493	0.425	6.05	9.91	3.94	2.00	0.515	0.394	0.605	0.419B	3
4	0.527	0.368B	0.561	0.358	5.38	8.78	2.80	2.00	0.394	0.394	0.560	0.394	4
5	0.493	0.374B	0.459	0.336	4.77	7.25	2.19	2.12	0.369	0.394	0.491	0.739	5
6	0.493	0.368B	0.336	0.336	4.57	7.48	2.00	1.89	0.321	0.467	0.515	0.442	6
7	0.527	0.354B	0.270	0.358	4.70	8.78	1.89	0.963	0.241	0.515	0.560	0.345	7
8	0.527	0.331B	0.314	0.314	4.57	8.52	3.16	0.739	0.116	0.515	0.442	0.369	8
9	0.493	0.317B	0.381	0.336	4.44	9.49	3.94	0.491	0.053	0.515	0.442	0.515	9
10	0.493	0.306B	0.381	0.314	4.37	12.1	4.56	0.272	0.034	0.467	0.491	0.605	10
11	0.425	0.326B	0.425	0.314	4.70	12.7	4.96	0.178	0.034	0.491	0.491	0.605	11
12	0.459	0.354B	0.425	0.314	4.57	11.9	4.46	0.116	0.069	0.467	0.560	0.272	12
13	0.360B	0.411B	0.459	0.314	4.84	9.77	4.02	0.045	0.092E	0.369	0.560	0.272	13
14	0.351B	0.496B	0.493	C.314	5.04	15.5	5.65	0.053	0.116	0.418	0.605	0.283B	14
15	0.345B	0.561B	0.527	0.381	7.16	16.3	5.85	0.037	0.163	0.418	0.560	0.306B	15
16	0.354B	0.538B	0.527	0.403	8.04	13.6	5.55	0.034	0.163	0.394	0.560	0.297B	16
17	0.362B	0.527B	0.493	0.403	8.78	10.2	4.36	0.116	0.147	0.394	0.515	0.283B	17
18	0.425B	0.493	0.459	0.459	9.20	9.63	3.94	0.369	0.132	0.442	0.560	0.311B	18
19	0.481B	0.527	0.459	0.595	10.5	11.0	18.5	0.053	0.194	0.515	0.560	0.340B	19
20	0.527	0.527	0.459	0.595	12.6	11.0	19.3	0.034	0.784	0.515	0.515	0.320B	20
21	0.527	0.493	0.459	0.629	15.3	10.2	6.91	0.034	0.784	0.491	0.515	0.306B	21
22	0.561	0.493	0.459	0.663	20.6	9.49	5.65	0.032	0.739	0.369	0.515	0.278B	22
23	0.561	0.425	0.425	0.731	19.1	7.74	4.56	0.032	0.418	0.418	0.560	0.269B	23
24	0.527	0.403	0.425	2.17	18.8	7.48	3.94	0.037	0.491	0.442	0.560	0.266B	24
25	0.493	0.663	0.425	2.22	18.6	5.55	4.11	0.069	0.491	0.491	0.491	0.278B	25
26	0.493	0.493	0.493	2.56	24.3	5.15	3.51	0.037	0.467	0.491	0.491	0.289B	26
27	0.527	0.493	0.527	2.51	25.1	4.19	2.80	0.029	0.467	0.491	0.491	0.292B	27
28	0.493	0.459	0.493	2.39	19.3	3.94	2.46	0.027	0.467	0.515	0.442	0.272B	28
29	0.527		0.527	2.51	16.3	4.19	1.47	1.13	0.491	0.560	0.442	0.286B	29
30	0.493		0.561	3.46	14.4	3.94	1.47	0.029	0.491	0.515	0.491	0.272B	30
31	0.481B		0.527		14.8		1.89	0.739		0.560		0.261B	31
TOTAL	15.042	12.278	14.025	27.732	332.57	281.68	147.29	17.065	10.453	14.478	15.665	11.124	TOTAL
MEAN	0.485	0.439	0.452	0.924	10.7	9.39	4.75	0.550	0.348	0.467	0.522	0.359	MEAN
MAX	0.629	0.663	0.561	3.46	25.1	16.3	19.3	2.12	0.784	0.560	0.605	0.739	MAX
MIN	0.345	0.306	0.270	0.314	4.37	3.94	1.47	0.027	0.034	0.369	0.442	0.261	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.46
MAXIMUM DAILY, 25.1 ON MAY 27
MINIMUM DAILY, 0.027 ON AUG 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 34 08 N
LONG 119 37 42 W
DRAINAGE AREA, 764 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300	JUL	12 700
FEB	1 060	AUG	1 470
MAR	1 210	SEP	903
APR	2 400	OCT	1 250
MAY	28 700	NOV	1 350
JUN	24 300	DEC	961

TOTAL DISCHARGE, 77 600 dam³

TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY - STATION NO. 10BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.98B	8.02B	7.75B	7.70B	10.0	85.6	29.7	15.7	16.2	11.9 E	10.5 B	7.60B	1
2	9.02B	8.00B	7.73B	7.79B	9.88	76.5	29.2	15.5	15.8	11.4 E	10.4 B	7.55B	2
3	9.00B	8.00B	7.65B	7.75B	9.34	69.5	28.7	15.2	15.7	11.2 E	10.3 B	7.45B	3
4	8.85B	8.02B	7.63B	7.70B	9.51	63.9	27.7	15.1	15.8	11.0 E	10.2 B	7.20B	4
5	8.78B	8.04B	7.60B	7.69B	9.67	59.0	26.7	14.9	16.7	10.6 E	10.1 B	7.10B	5
6	8.77B	8.00B	7.58B	7.65B	9.83	52.1	25.7	14.7	18.4	10.4 E	10.0 B	7.00B	6
7	8.75B	7.80B	7.56B	7.63B	9.97	47.2	25.1	14.3	18.9	10.2 E	9.95B	6.98B	7
8	8.77B	7.70B	7.60B	7.60B	9.89	43.2	24.2	14.1	18.6	10.0 E	9.70B	6.90B	8
9	8.78B	7.65B	7.78B	7.55B	9.43	40.0	23.3	13.8	18.3	9.91E	9.40B	6.90B	9
10	8.83B	7.68B	7.80B	7.40B	9.91	37.6	22.6	13.5	18.3	9.70E	9.00B	6.90B	10
11	8.97B	7.64B	7.80B	7.32B	10.5	36.1	22.1	13.2	18.0	9.60E	8.80B	6.95B	11
12	9.00B	7.60B	7.74B	7.34A	11.1	34.4	21.6	13.2	17.5	9.70E	8.70B	6.98B	12
13	8.97B	7.72B	7.67B	6.64	11.1	33.0	21.3	13.1	16.9	9.85E	8.60B	6.99B	13
14	8.78B	7.79B	7.63B	6.35	11.0	31.8	21.1	13.0	16.5	10.5 E	8.45B	6.95B	14
15	8.63B	7.79B	7.60B	6.39	11.5	31.8	20.7	13.0	16.0	11.0 E	8.40B	6.80B	15
16	8.62B	7.80B	7.58B	6.53	12.7	31.6	20.1	12.8	15.6	12.8 E	8.30B	6.70B	16
17	8.68B	7.80B	7.56B	6.60	15.1	30.8	19.5	12.6	15.3	12.7 E	8.20B	6.60B	17
18	8.67B	7.79B	7.52B	6.64	18.5	30.3	19.1	12.5	15.1	12.4 E	8.10B	6.45B	18
19	8.60B	7.80B	7.48B	6.76	22.9	30.1	18.9	12.4	15.2	12.3 A	8.05B	6.40B	19
20	8.60B	7.81B	7.45B	6.93	26.7	30.4	18.7	12.7A	15.1	12.0	7.95B	6.41B	20
21	8.60B	7.80B	7.42B	7.09	31.4	30.8	18.4	13.1A	15.1A	11.5	7.90B	6.40B	21
22	8.50B	7.85B	7.42B	7.18	42.4	31.2	18.1	12.1	14.6E	11.3 B	7.80B	6.40B	22
23	8.38B	7.80B	7.60B	7.41	52.4	30.7	17.8	12.4	14.5E	11.2 B	7.75B	6.40B	23
24	8.20B	7.73B	7.70B	7.49	55.2	30.2	17.3	12.5	14.2E	11.1 B	7.70B	6.37B	24
25	8.15B	7.66B	7.80B	7.40	62.0	29.9	17.4	12.5	13.8E	11.0 B	7.70B	6.37B	25
26	8.11B	7.62B	7.79B	7.44	81.5	30.2	17.0	12.4	13.5E	11.0 B	7.65B	6.30B	26
27	8.04B	7.60B	7.74B	7.52	108	31.0	16.7	13.3	13.1E	10.9 B	7.63B	6.25B	27
28	8.02B	7.60B	7.70B	7.85	99.1	31.2	16.5	15.0	12.9E	10.8 B	7.65B	6.20B	28
29	8.00B		7.60B	8.14	98.2	30.9	16.2	15.2	12.5E	10.8 B	7.70B	6.00B	29
30	7.99B		7.50B	8.33	98.3	30.7	15.9	15.1	12.2E	10.7 B	7.70B	5.90B	30
31	8.00B		7.55B		95.7		15.7	15.5		10.5 B		5.85B	31
TOTAL	266.04	218.11	236.53	219.81	1 072.73	1 201.7	653.0	424.4	470.3	339.96	260.28	207.25	TOTAL
MEAN	8.58	7.79	7.63	7.33	34.6	40.1	21.1	13.7	15.7	11.0	8.68	6.69	MEAN
MAX	9.02	8.04	7.80	8.33	108	85.6	29.7	15.7	18.9	12.8	10.5	7.60	MAX
MIN	7.99	7.60	7.42	6.35	9.34	29.9	15.7	12.1	12.2	9.60	7.63	5.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.3
MAXIMUM DAILY, 108 ON MAY 27
MINIMUM DAILY, 5.85B ON DEC 31
MAXIMUM INSTANTANEOUS,
112 AT 14:29 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 20 07 N
LONG 125 56 11 W
DRAINAGE AREA, 1 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 000	JUL	56 400
FEB	18 800	AUG	36 700
MAR	20 400	SEP	40 600
APR	19 000	OCT	29 400
MAY	92 700	NOV	22 500
JUN	104 000	DEC	17 900

TOTAL DISCHARGE, 481 000 dam³

TSABLE RIVER NEAR FANNY BAY - STATION NO. 08HB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.25	2.69	4.37	5.98	7.16	3.16	2.65	0.786	1.34	28.5	54.3	20.9	1
2	5.68	2.48	3.89	4.74	6.96	3.01	2.08	0.697	0.801	9.06	15.5	10.4	2
3	4.92	2.20	3.41	4.70	6.08	4.29	1.83	0.674	1.19	5.42	9.47	11.2	3
4	4.35	2.16	3.23	4.56	5.13	4.68	1.61	0.652	1.28	4.02	6.65	58.5	4
5	3.93	1.99	2.89	6.47	4.31	5.70	1.50	0.600	0.562	14.8	5.63	14.2	5
6	3.58	1.74	2.60	7.22	5.02	4.45	1.45	0.562	0.488	17.9	4.29	12.2	6
7	3.16	1.62	2.52	4.77	6.70	4.06	1.39	0.525	0.430	8.72	3.52	7.70	7
8	2.89	1.47	2.85	3.98	7.25	3.34	1.28	0.503	0.401	17.9	3.16	5.98	8
9	6.42	1.30	2.52	3.37	6.96	3.21	1.19	0.454	0.362	8.31	2.81	6.35	9
10	7.81	1.13	2.52	3.98	6.70	3.01	4.20	0.444	0.323	6.65	2.47	7.13	10
11	5.56	1.08B	2.48	3.05	4.99	2.87	3.93	0.437	0.383	4.74	151	4.06	11
12	4.35	2.36	2.52	3.10	4.35	3.12	3.56	0.430	0.348	4.12	35.3	3.83	12
13	3.81	2.28	2.60	2.85	5.95	3.01	2.48	0.419	0.319	3.21	14.1	5.85	13
14	3.34	43.6	2.52	2.67	6.70	2.67	2.20	0.397	0.333	2.55	84.7	5.78	14
15	2.83	53.0	2.69	9.17	5.88	2.34	1.66	0.383	0.291	1.86	26.3	5.65	15
16	2.62	38.1	2.96	8.76	4.33	2.58	1.49	0.362	0.287	1.80	17.9	5.88	16
17	2.36	22.4	2.52	6.67	5.17	2.34	1.34	0.348	0.319	1.60	11.1	5.70	17
18	83.1	57.6	2.20	5.13	4.90	5.13	1.61	0.330	1.12	1.49	7.96	7.64	18
19	36.4	71.5	1.88	4.77	5.93	4.90	1.42	0.287	1.70	1.33	9.36	70.6	19
20	19.3	54.1	1.74	5.35	5.83	4.26	1.34	0.323	1.10	1.22	14.1	18.4	20
21	29.5	9.39	1.74	4.45	5.68	3.39	1.28	0.312	33.7	1.17	29.4	6.91	21
22	32.9	7.67	3.69	7.64	4.45	5.35	1.17	0.283	9.65	1.10	18.9	6.35	22
23	11.5	7.08	4.81	21.9	4.31	4.45	1.13	0.266	7.16	1.04	14.2	5.20	23
24	7.81	7.25	5.85	14.9	7.70	3.73	1.07	0.283	5.08	0.978	7.76	4.74	24
25	5.88	6.72	6.72	7.39	9.91	3.12	0.937	0.330	3.81	0.954	7.62	4.31	25
26	5.42	6.45	5.04	5.51	6.03	2.76	0.896	0.358	2.69	0.921	6.00	3.54	26
27	4.70	4.59	4.16	15.1	4.77	2.42	0.847	0.283	8.04	69.6	4.59	3.03	27
28	4.28	4.77	3.60	8.35	4.52	2.65	0.786	0.437	19.1	21.7	3.69	2.92	28
29	3.69		5.73	7.62	4.45	2.16	1.15	0.637	6.27	9.80	3.23	2.63	29
30	3.39		6.22	7.25	4.35	2.87	0.986	0.454	9.06	125	4.52	2.47	30
31	2.98		6.13		3.77		0.937	0.712		105		2.40E	31
TOTAL	325.71	418.72	108.60	201.40	176.24	105.03	51.399	13.968	117.937	482.463	579.53	332.45	TOTAL
MEAN	10.5	15.0	3.50	6.71	5.69	3.50	1.66	0.451	3.93	15.6	19.3	10.7	MEAN
MAX	83.1	71.5	6.72	21.9	9.91	5.70	4.20	0.786	33.7	125	151	70.6	MAX
MIN	2.36	1.08	1.74	2.67	3.77	2.16	0.786	0.266	0.287	0.921	2.47	2.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.98
MAXIMUM DAILY, 151 ON NOV 11
MINIMUM DAILY, 0.266 ON AUG 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 31 03 N
LONG 124 50 30 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 100	JUL	4 440
FEB	36 200	AUG	1 210
MAR	9 380	SEP	10 200
APR	17 400	OCT	41 700
MAY	15 200	NOV	50 100
JUN	9 070	DEC	28 700

TOTAL DISCHARGE, 252 000 dam³

TSILCON RIVER NEAR THE MOUTH - STATION NO. 08JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.21 B	0.795B	0.605B	1.10B	21.7	3.50	0.651	0.309	0.196	0.382	0.508	0.490B	1
2	1.00 B	0.785B	0.602B	1.14B	26.9	3.13	0.576	0.295	0.203	0.454	0.518	0.485B	2
3	0.930B	0.775B	0.600B	1.20B	30.5	2.74	0.573	0.284	0.192	0.425	0.538	0.482B	3
4	0.850B	0.770B	0.598B	1.30B	28.3	2.54	0.548	0.253	0.204	0.396	0.556	0.480B	4
5	0.800B	0.766B	0.598B	1.40B	25.1	2.34	0.489	0.241	0.216	0.372	0.543	0.470B	5
6	0.780B	0.762B	0.600B	1.52B	22.2	2.23	0.406	0.232	0.216	0.391	0.536	0.460B	6
7	0.764B	0.758B	0.602B	1.70B	19.8	2.11	0.357	0.226	0.209	0.473	0.539	0.448B	7
8	0.752B	0.750B	0.603B	1.86B	18.3	2.03	0.350	0.214	0.210	0.439	0.538	0.437B	8
9	0.745B	0.748B	0.604B	2.10B	18.0	1.93	0.338	0.202	0.208	0.502	0.506	0.428B	9
10	0.740B	0.742B	0.605B	2.27B	18.4	1.77	0.329	0.201	0.203	0.505	0.532	0.415B	10
11	0.735B	0.746B	0.610B	2.60B	19.7	1.75	0.309	0.196	0.197	0.472	0.544	0.410B	11
12	0.730B	0.750B	0.618B	2.94B	20.7	1.80	0.310	0.184	0.189	0.479	0.561	0.408B	12
13	0.725B	0.755B	0.622B	3.30B	18.8	1.93	0.291	0.185	0.191	0.439	0.604	0.406B	13
14	0.722B	0.760B	0.638B	3.75B	15.7	2.04	0.295	0.181	0.189	0.413	0.621	0.404B	14
15	0.720B	0.762B	0.645B	4.10B	13.3	1.97	0.310	0.174	0.193	0.399	0 625	0.402B	15
16	0.719B	0.765B	0.655B	4.60B	11.6	1.92	0.374	0.169	0.191	0.360	0.608	0.400B	16
17	0.721B	0.772B	0.670B	5.20B	10.4	1.83	0.396	0.170	0.194	0.347	0.591	0.391B	17
18	0.722B	0.780B	0.680B	6.00B	9.35	1.73	0.364	0.164	0.193	0.366	0.628	0.390B	18
19	0.730B	0.785B	0.695B	6.82B	8.53	1.65	0.337	0.160	0.204	0.369	0.631	0.385B	19
20	0.742B	0.790B	0.710B	7.60B	6.94	1.56	0.328	0.160	0.208	0.356	0.595	0.380B	20
21	0.750B	0.762B	0.730B	8.70B	6.02	1.45	0.326	0.165	0.203	0.349	0.637	0.375B	21
22	0.860B	0.730B	0.742B	9.87	5.49	1.39	0.338	0.171	0.219	0.348	0.647	0.370B	22
23	0.900B	0.700B	0.760B	12.6	4.92	1.24	0.324	0.166	0.231	0.349	0.646	0.365B	23
24	0.880B	0.660B	0.780B	16.0	4.46	1.21	0.359	0.162	0.233	0.349	0.550	0.360B	24
25	0.860B	0.630B	0.805B	18.0	4.13	1.07	0.346	0.190	0.231	0.354	0.540B	0.358B	25
26	0.850B	0.620B	0.818B	19.4	4.35	0.948	0.351	0.169	0.239	0.355	0.530B	0.352B	26
27	0.840B	0.615B	0.845B	19.6	4.30	0.877	0.326	0.174	0.245	0.364	0.520B	0.349B	27
28	0.825B	0.610B	0.900B	20.0	4.22	0.808	0.309	0.168	0.254	0.442	0.508B	0.345B	28
29	0.820B		0.935B	19.8	4.09	0.758	0.296	0.178	0.254	0.504	0.500B	0.342B	29
30	0.810B		0.990B	19.9	3.89	0.713	0.313	0.174	0.309	0.547	0.495B	0.340B	30
31	0.800B		1.03 B		3.76		0.307	0.186		0.526		0.335B	31
TOTAL	25.032	20.643	21.895	226.37	413.85	52.964	11.526	6.103	6.424	12.826	16.895	12.462	TOTAL
MEAN	0.807	0.737	0.706	7.55	13.4	1.77	0.372	0.197	0.214	0.414	0.563	0.402	MEAN
MAX	1.21	0.795	1.03	20.0	30.5	3.50	0.651	0.309	0.309	0.547	0.647	0.490	MAX
MIN	0.719	0.610	0.598	1.10	3.76	0.713	0.291	0.160	0.189	0.347	0.495	0.335	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.27
MAXIMUM DAILY, 30.5 ON MAY 3
MINIMUM DAILY, 0.160 ON AUG 19
MAXIMUM INSTANTANEOUS,
30.8 AT 12:00 PST ON MAY 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 38 N
LONG 124 14 40 W
DRAINAGE AREA, 414 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 160	JUL	996
FEB	1 780	AUG	527
MAR	1 890	SEP	555
APR	19 600	OCT	1 110
MAY	35 800	NOV	1 460
JUN	4 580	DEC	1 080

TOTAL DISCHARGE, 71 500 dam³

TSITIKA RIVER BELOW CATHERINE CREEK - STATION NO. 08HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.8	6.35	11.9	14.7	47.8	13.6	9.07	1.97	28.9	155	97.9	48.0	1
2	13.2	6.05	11.6	12.0	42.9	12.9	8.13	1.89	13.7	43.3	73.6	34.7	2
3	11.1	5.83	14.3	11.5	29.1	16.6	10.3	1.86	8.48	24.5	40.5	22.0	3
4	9.55	5.53	12.5	9.97	22.3	17.4	9.44	1.79	7.90	17.2	28.9	31.2	4
5	8.70	5.25	9.94	38.9	18.3	23.2	7.58	1.75	8.21	17.9	20.3	55.9	5
6	8.45	4.95	8.45	26.1	17.5	21.2	6.40	1.70	6.55	56.9	15.5	29.6	6
7	8.10	4.70	7.76	18.0	19.7	17.6	5.85	1.72	5.03	91.1	12.2	18.2	7
8	7.82	4.37	8.32	15.3	19.7	15.7	5.76	1.66	3.97	67.5	10.2	12.8	8
9	27.0	4.15	7.79	14.4	20.0	15.4	6.93	1.65	3.40	33.0	8.88	11.5	9
10	23.0	3.75	7.18	14.1	17.4	15.3	6.23	1.64	3.08	21.1	9.13	13.4	10
11	18.6	3.41	7.25	13.0	16.6	13.8	5.60	1.62	2.60	15.4	144	12.6	11
12	11.3	3.54	8.08	10.3	16.1	13.6	5.25	1.63	2.28	12.0	68.7	10.4	12
13	9.72	4.34	9.06	8.59	19.2	14.3	4.90	1.58	2.08	9.82	43.4	9.23	13
14	8.56	24.3	8.82	7.62	26.3	12.1	4.65	1.53	1.87	8.47	37.5	13.4	14
15	7.74	67.7	8.54	8.99	32.7	12.5	4.42	1.49	1.79	7.62	33.0	15.2	15
16	6.91	114	8.06	20.7	20.8	18.6	4.32	1.44	1.69	6.93	28.4	11.4	16
17	6.33	109	6.82	18.5	17.9	16.4	4.11	1.40	1.60	6.48	22.6	9.60	17
18	33.9	73.9	5.95	13.8	21.9	21.6	4.03	1.37	7.28	5.76	16.5	13.0	18
19	159	134	5.39	13.8	27.1	24.6	3.84	1.34	16.0	5.29	14.5	87.5	19
20	84.0	67.2	5.14	16.0	23.8	19.4	3.62	1.31	9.23	4.80	14.9	58.0	20
21	141	49.2	4.99	14.5	21.6	14.9	3.28	1.29	17.8	4.18	34.8	25.2	21
22	86.1	37.9	6.41	30.0	18.1	13.9	3.03	1.28	22.2	3.76	82.5	16.1	22
23	40.2	28.3	12.1	125	18.8	15.8	2.86	1.26	14.7	3.51	32.8	12.3	23
24	22.7	22.3	12.8	73.9	26.2	14.6	2.70	1.37	10.5	3.26	21.0	11.5	24
25	16.1	16.7	12.9	30.9	27.2	12.2	2.67	2.62	7.85	3.36	15.8	11.6	25
26	13.1	13.4	12.2	19.0	20.5	10.5	2.65	2.84	5.99	5.64	12.7	10.5	26
27	11.8	11.9	10.3	16.3	16.6	9.16	2.66	3.25	10.7	74.2	10.5	9.06	27
28	10.1	11.3	9.98	27.6	15.4	9.04	2.54	3.85	32.7	78.2	8.87	7.73	28
29	8.55		11.8	29.4	18.9	10.2	2.31	3.33	35.3	36.2	9.17	6.96	29
30	7.67		11.1	46.3	18.8	9.58	2.17	2.77	50.8	60.0	11.9	5.99	30
31	6.93		17.7		16.7		2.11	5.52		239		5.70	31
TOTAL	840.03	843.32	295.13	719.17	695.9	455.68	149.41	61.72	344.18	1 121.38	940.65	640.27	TOTAL
MEAN	27.1	30.1	9.52	24.0	22.4	15.2	4.82	1.99	11.5	36.2	31.4	20.7	MEAN
MAX	159	134	17.7	125	47.8	24.6	10.3	5.52	50.8	239	144	87.5	MAX
MIN	6.33	3.41	4.99	7.62	15.4	9.04	2.11	1.26	1.60	3.26	8.87	5.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.5
MAXIMUM DAILY, 239 ON OCT 31
MINIMUM DAILY, 1.26 ON AUG 23
MAXIMUM INSTANTANEOUS,
325 AT 05:35 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 13 N
LONG 126 34 27 W
DRAINAGE AREA, 360 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 600	JUL	12 900
FEB	72 900	AUG	5 330
MAR	25 500	SEP	29 700
APR	62 100	OCT	96 900
MAY	60 100	NOV	81 300
JUN	39 400	DEC	55 300

TOTAL DISCHARGE, 614 000 dam³

TSOLUM RIVER NEAR COURTENAY - STATION NO. 08HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	12.4	6.30	10.8	8.63	7.14	6.33	2.80	1.23	0.900	18.5	86.6	17.6	
2	9.75	5.64	9.04	6.88	6.43	5.09	2.35	1.22	0.961	13.9	45.8	18.8	
3	8.25	5.14	8.26	6.17	6.45	3.85	2.39	1.21	0.952	9.34	24.8	15.8	
4	7.13	4.68	6.97	5.42	6.72	3.22	2.51	1.19	0.967	6.96	16.1	32.9	
5	6.30	4.23	5.63	15.7	6.30	5.48	2.21	1.16	1.09	12.9	11.3	102	
6	6.20	3.93	5.01	11.6	4.96	8.32	1.88	1.11	1.08	52.2	8.93	40.5	
7	5.76	3.55	5.06	8.42	4.25	5.56	1.62	1.14	1.01	41.6	7.47	29.6	A
8	5.34	3.36	5.39	7.86	3.91	4.26	1.51	1.13	0.987	31.2	6.47	21.7	E
9	9.62	3.12	4.48	7.15	11.1	3.37	1.54	1.15	0.951	17.0	5.42	24.5	E
10	8.13	2.60	4.05	7.14	8.94	3.42	1.47	1.16	0.957	11.2	4.95	25.2	E
11	6.75	2.66	3.79	8.71	7.93	2.82	1.44	1.15	0.918	8.29	75.6	15.3	E
12	5.78	2.47	3.57	10.7	7.57	2.32	4.07	1.02	0.966	6.40	51.4	11.8	E
13	5.04	5.81	3.32	10.8	7.28	2.13	3.88	1.09	1.02	4.98	35.1	20.3	E
14	4.36	20.6	3.09	8.65	8.87	2.23	2.51	1.14	1.02	4.03	77.8	20.1	E
15	4.03	26.6	3.31	8.77	9.96	2.79	2.01	1.09	1.04	3.39	66.8	21.0	E
16	3.73	53.9	3.57	10.6	8.70	2.37	1.77	1.07	1.06	2.99	38.9	20.1	E
17	3.67	48.9	3.07	8.39	7.39	2.46	1.58	1.10	1.05	2.66	24.8	19.8	E
18	49.4	47.0	2.71	6.63	6.26	2.21	1.53	1.06	1.09	2.42	18.9	24.0	E
19	84.0	95.3	2.37	5.49	7.22	1.99	1.44	1.06	1.16	2.19	24.8	69.5	E
20	43.6	43.5	2.20	4.58	6.61	2.21	1.41	1.09	1.26	2.02	29.9	29.4	E
21	101	23.0	2.11	4.27	5.51	2.24	1.34	1.10	15.6	1.87	70.3	24.5	E
22	94.5	15.3	2.70	4.91	4.61	1.89	1.24	0.928	9.30	1.78	40.0	21.0	E
23	39.6	12.4	4.28	6.61	4.70	1.72	1.22	0.944	6.66	1.67	25.8	18.5	E
24	21.5	12.3	4.50	7.14	5.97	1.77	1.24	1.06	4.62	1.64	19.2	15.3	E
25	14.4	9.67	5.96	7.30	8.84	3.39	1.23	1.09	3.21	1.63	15.6	14.6	E
26	19.0	9.35	5.43	5.68	7.49	2.65	1.23	0.989	2.50	1.64	19.6	11.3	E
27	15.9	8.32	4.04	4.62	6.21	2.88	1.22	1.02	14.7	15.1	14.8	10.5	E
28	12.9	11.3	3.49	4.02	5.28	4.51	1.23	1.08	18.5	33.4	10.9	9.70	E
29	10.1		15.6	3.55	5.10	6.99	1.28	1.14	9.08	16.6	9.42	9.00	E
30	8.30		14.2	6.20	4.88	4.19	1.44	1.05	8.43	19.5	10.6	8.90	E
31	7.08		11.5		5.74		1.26	0.847		96.4		8.70	E
TOTAL	633.52	490.93	169.50	222.59	208.32	104.66	55.85	33.818	113.039	445.40	898.06	731.90	TOT
MEAN	20.4	17.5	5.47	7.42	6.72	3.49	1.80	1.09	3.77	14.4	29.9	23.6	MEA
MAX	101	95.3	15.6	15.7	11.1	8.32	4.07	1.23	18.5	96.4	86.6	102	MAX
MIN	3.67	2.47	2.11	3.55	3.91	1.72	1.22	0.847	0.900	1.63	4.95	8.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 102 ON DEC 5
MINIMUM DAILY, 0.847 ON AUG 31
MAXIMUM INSTANTANEOUS,
147 AT 08:31 PST ON JAN 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 26 N
LONG 125 00 41 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 700	JUL	4 830
FEB	42 400	AUG	2 920
MAR	14 600	SEP	9 770
APR	19 200	OCT	38 500
MAY	18 000	NOV	77 600
JUN	9 040	DEC	63 200

TOTAL DISCHARGE, 355 000 dam³

TULAMEEN RIVER AT PRINCETON - STATION NO. 08NL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.5	9.89	10.5	11.7	120	69.5	33.9	7.91	3.10	2.90	10.2	3.50B	1
2	50.8	8.63	10.1	11.6	87.1	71.5	29.8	6.87	4.52	5.47	8.61	3.68B	2
3	44.5	8.40B	10.1	11.6	68.8	63.2	27.2	6.36	3.67	5.25	6.85	3.30B	3
4	39.5	8.30B	10.0	11.4	59.3	69.5	27.0	6.25	3.22	3.97	6.31	3.15B	4
5	35.6	8.00B	9.61	11.4	50.1	62.5	25.2	5.73	3.03	3.56	5.28	4.60B	5
6	32.6	7.60B	9.24	11.2	44.7	69.3	21.2	5.30	2.90	3.59	4.54	3.80B	6
7	29.2	6.80B	9.67	11.0	39.8	54.1	19.2	4.98	2.71	6.80	4.46	3.60B	7
8	26.2	6.00B	9.23	10.8	37.7	46.2	18.9	4.67	2.55	6.68	4.25	3.50B	8
9	25.5	5.30B	8.89	10.6	43.5	49.3	16.8	4.39	2.44	5.19	4.00	3.40B	9
10	23.6	4.80B	8.89	10.5	44.0	45.5	19.7	4.12	2.40	4.72	3.83	3.60B	10
11	21.2	5.20B	8.90	10.3	44.7	43.1	18.3	3.93	2.38	4.17	3.74	3.40B	11
12	19.6	5.80B	9.07	10.1	46.0	38.6	16.3	3.80	2.31	3.83	5.79	3.20B	12
13	18.1	6.50B	9.32	9.85	54.0	38.7	17.1	3.74	2.25	3.61	6.98	3.00B	13
14	16.9	7.40B	9.76	9.65	55.9	39.1	21.0	3.66	2.20	3.45	5.79	2.30B	14
15	14.5	7.90B	10.2	10.5	62.1	38.0	18.4	3.58	2.21	3.41	5.66	4.22B	15
16	13.1	8.10B	10.7	11.6	55.5	40.1	17.7	3.85	2.18	3.48	5.40	2.88B	16
17	13.5	8.80B	10.5	12.0	55.4	40.2	18.4	3.33	2.15	3.53	4.87	2.80B	17
18	15.3	9.80B	10.3	12.6	63.5	38.5	17.9	3.25	2.08	3.41	4.77	2.70B	18
19	15.2	11.0 B	10.3	15.0	81.5	49.8	16.1	3.18	2.14	3.31	4.41	3.20B	19
20	13.9	12.5 B	10.3	19.7	98.3	51.8	15.3	3.57	2.29	3.19	4.18	3.00B	20
21	13.5	13.2	10.5	19.0	106	46.6	14.3	3.75	2.47	3.03	4.14	2.80B	21
22	13.4	12.4	10.7	20.3	90.7	43.0	13.3	3.36	2.74	2.71	4.12	2.70B	22
23	13.7	12.2	10.7	35.2	96.3	44.9	12.9	3.23	2.83	2.84	3.93	2.55B	23
24	13.3	12.1	10.6	63.6	112	40.4	13.3	3.03	2.75	2.85	3.83	2.40B	24
25	12.8	11.8	10.7	51.6	136	38.9	13.7	2.83	2.77	2.86	3.41	2.50B	25
26	12.1	11.5	10.9	44.2	111	39.9	12.1	2.79	2.73	2.95	3.66	2.40B	26
27	11.6	11.2	11.2	40.0	95.0	38.6	11.2	2.74	2.67	5.15	3.46	2.38B	27
28	11.8	10.7	11.3	45.7	88.0	33.4	10.3	2.66	2.71	5.16	3.22	2.30B	28
29	11.9		11.6	71.0	89.6	35.4	9.52	2.67	2.99	5.74	2.80B	2.28B	29
30	11.6		11.8	92.5	101	37.7	8.96	2.65	3.04	4.79	3.30B	2.23B	30
31	11.1		11.7		87.1		8.46	2.73		5.27		2.20B	31
TOTAL	665.1	251.42	317.28	716.20	2 324.6	1 417.3	543.44	124.51	80.43	126.87	145.79	93.57	TOTAL
MEAN	21.5	8.98	10.2	23.9	75.0	47.2	17.5	4.02	2.68	4.09	4.86	3.02	MEAN
MAX	59.5	13.2	11.8	92.5	136	71.5	33.9	7.91	4.52	6.80	10.2	4.60	MAX
MIN	11.1	4.80	8.89	9.65	37.7	33.4	8.46	2.65	2.08	2.71	2.80	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 136 ON MAY 25
MINIMUM DAILY, 2.08 ON SEP 18
MAXIMUM INSTANTANEOUS,
145 AT 19:45 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 120 31 05 W
DRAINAGE AREA, 1 760 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	57 500	JUL	47 000
FEB	21 700	AUG	10 800
MAR	27 400	SEP	6 950
APR	61 900	OCT	11 000
MAY	201 000	NOV	12 600
JUN	122 000	DEC	8 080

TOTAL DISCHARGE, 588 000 dam³

TULAMEEN RIVER BELOW VUICH CREEK - STATION NO. 08NL071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0 E	2.80B	2.45E	2.70E	40.0E	19.9	12.7	1.59	1.49 A	1.00 E	4.79	1.15 B	1
2	16.0 E	2.70B	2.40E	2.70E	35.0E	19.7	10.9	1.48	2.00 E	2.40 E	2.00	1.30 B	2
3	14.8 E	2.50B	2.32E	2.65E	31.0E	18.7	10.7	1.41	1.10 E	2.00 E	1.53	1.20 B	3
4	13.0 E	2.30B	2.28E	2.60E	28.0E	19.3	10.1	1.36	0.950E	1.70 E	1.48	1.05 B	4
5	11.4 E	2.10B	2.22E	2.55E	24.0E	19.7	9.20	1.29	0.850E	1.50 E	1.25	1.70 B	5
6	10.3 E	2.00B	2.25E	2.52E	22.0E	20.4	7.20	1.23	0.800E	1.50 E	1.27	1.50 B	6
7	9.30E	1.90B	2.30E	2.50E	19.5E	16.0	6.27	1.19	0.740E	2.70 E	1.17	1.40 B	7
8	8.30E	1.70B	2.18E	2.48E	17.0E	14.5	5.66	1.15	0.690E	2.60 E	1.05	1.28 B	8
9	7.40E	1.50B	2.05E	2.45E	17.5E	15.8	4.72	1.09	0.660E	2.30 E	1.04	1.20 B	9
10	6.60E	1.40B	2.00E	2.42E	18.5E	15.1	6.01	1.02	0.640E	2.00 E	0.953	1.30 B	10
11	6.00E	1.50B	2.05E	2.40E	19.5E	14.0	4.96	0.958	0.640E	1.75 E	1.10	1.16 B	11
12	5.30E	1.60B	2.10E	2.37E	20.0E	12.8	4.35	0.904	0.610E	1.50 E	2.47	1.00 B	12
13	4.70E	1.80B	2.20E	2.34E	21.0E	12.5	5.49	0.926	0.590E	1.35 E	1.82	0.900B	13
14	4.30E	2.00B	2.30E	2.30E	22.0E	13.0	7.20	0.884	0.560E	1.20 E	1.59	0.800B	14
15	3.70B	2.20B	2.40E	2.70E	23.0E	12.6	5.68	0 770	0.540E	1.26 E	1.50	1.30 B	15
16	3.30B	2.40B	2.45E	3.00E	22.0E	13.9	5.31	0.729	0.520E	1.34 E	1.42	1.05 B	16
17	3.50B	2.50B	2.50E	3.50E	21.0E	13.6	5.83	0.686	0.500E	1.40 E	1.33	0.900B	17
18	3.60B	2.70B	2.50E	4.00E	23.0E	14.0	5.41	0.685	0.480E	1.30 E	1.33	0.960B	18
19	3.70B	2.80B	2.50E	4.60E	27.0E	16.9	4.67	0.673	0.483E	1.10 E	1.23	1.20 B	19
20	3.60B	3.00B	2.45E	5.60E	32.0E	17.2	4.50	0.677	0.540E	0.880E	1.19	1.15 B	20
21	3.40B	3.10B	2.44E	5.40E	37.0E	16.6	4.11	0.678	0.640E	0.730E	1.22	1.08 B	21
22	3.20B	2.90B	2.43E	6.80E	34.0E	16.0	3.70	0.632	0.820E	0.600E	1.19	1.03 B	22
23	3.40B	2.80B	2.44E	10.0 E	38.0E	16.6	3.70	0.588	1.00 E	0.700E	1.12	1.00 B	23
24	3.30B	2.70B	2.45E	20.0 E	44.0E	15.3	4.44	0.569	0.970E	0.730E	1.01	0.940B	24
25	3.20B	2.68B	2.48E	17.0 E	50.0E	14.8	4.12	0.573	0.990E	0.800E	1.06	0.920B	25
26	3.20B	2.64B	2.50E	13.5 E	30.3A	15.0	3.26	0.568	0.960E	1.25 E	1.04	0.920B	26
27	3.10B	2.58B	2.50E	11.0 E	27.0	14.2	2.79	0.562	0.880E	1.84 A	1.14	0.870B	27
28	3.00B	2.50B	2.55E	15.0 E	24.8	12.1	2.40	0.538	0.920E	1.89	1.09	0.840B	28
29	3.00B		2.60E	17.8 A	25.6	14.2	2.09	0.538	1.00 E	1.95	0.900B	0.820B	29
30	3.00B		2.70E	28.0 E	28.8	13.6	1.94	0.700	1.10 E	1.62	1.00 B	0.800B	30
31	3.00B		2.75E		23.2		1.75	0.703		3.14		0.780B	31
TOTAL	191.60	65.30	73.74	202.88	845.7	468.0	171.16	27.351	24.663	48.030	42.283	33.500	TOTAL
MEAN	6.18	2.33	2.38	6.76	27.3	15.6	5.52	0.882	0.822	1.55	1.41	1.08	MEAN
MAX	18.0	3.10	2.75	28.0	50.0	20.4	12.7	1.59	2.00	3.14	4.79	1.70	MAX
MIN	3.00	1.40	2.00	2.30	17.0	12.1	1.75	0.538	0.480	0.600	0.900	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.01
MAXIMUM DAILY, 50.0E ON MAY 25
MINIMUM DAILY, 0.480E ON SEP 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 58 N
LONG 120 58 36 W
DRAINAGE AREA, 256 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 600	JUL	14 800
FEB	5 640	AUG	2 360
MAR	6 370	SEP	2 130
APR	17 500	OCT	4 150
MAY	73 100	NOV	3 650
JUN	40 400	DEC	2 890

TOTAL DISCHARGE, 190 000 dam³

TURNAGAIN RIVER ABOVE SANDPILE CREEK - STATION NO. 10BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.1B	21.0B	19.1B	17.0B	26.6B	653	231	114	110	79.1	86.1	29.5B	1
2	28.7B	21.1B	19.3B	16.7B	28.0B	588	252	109	104	81.3	79.2	29.0B	2
3	29.0B	20.7B	19.1B	16.6B	28.9	511	279	104	94.7	78.2	78.7	26.8B	3
4	28.8B	20.4B	18.8B	16.3B	29.6	467	261	102	89.1	75.2	76.5	26.5B	4
5	28.2B	20.2B	18.4B	16.1B	31.5	431	224	99.6	84.8	70.8	77.7	26.0B	5
6	27.2B	20.5B	18.1B	16.2B	34.2	377	210	99.0	83.4	68.1	76.7	25.2B	6
7	27.0B	20.2B	18.0B	16.2B	38.2	343	215	97.9	93.0	67.4	67.1	24.8B	7
8	26.8B	19.9B	18.1B	16.2B	42.8	310	209	93.7	101	65.8	67.1	24.0B	8
9	26.0B	19.4B	18.3B	16.2B	47.1	281	192	90.1	109	64.2	76.4	22.0B	9
10	25.2B	19.0B	18.8B	16.1B	52.2	269	183	86.6	129	63.1	73.6	20.5B	10
11	25.0B	18.9B	18.9B	16.0B	58.5	283	200	83.3	131	61.9	73.1	20.0B	11
12	24.9B	18.8B	19.0B	16.0B	66.0	297	233	80.1	121	60.7	72.2	19.9B	12
13	25.0B	18.9B	19.1B	16.0B	74.9	310	244	77.0	111	61.3	72.7	19.9B	13
14	25.0B	19.0B	19.0B	16.0B	81.6	331	231	73.7	104	67.4	67.1	19.9B	14
15	25.0B	19.1B	18.9B	16.0B	89.3	367	221	72.0	101	80.2	70.2	19.9B	15
16	24.8B	19.0B	18.8B	16.0B	104	368	217	69.8	101	116	63.6	19.8B	16
17	24.2B	18.9B	18.6B	16.1B	128	350	215	67.3	99.2	118	56.4	19.5B	17
18	23.7B	18.9B	18.2B	16.3B	161	349	220	64.6	99.0	107	53.2	19.2B	18
19	23.3B	18.8B	18.1B	16.4B	201	336	224	63.0	99.0	105	46.7	19.2B	19
20	23.5B	18.7B	17.5B	16.8B	249	333	208	62.2	96.7	97.9	39.0B	19.0B	20
21	23.8B	18.9B	17.3B	17.1B	299	344	187	61.5	92.9	91.6	38.0B	18.4B	21
22	23.8B	19.0B	17.1B	17.4B	356	349	170	60.7	89.2	87.8	36.5B	18.0B	22
23	23.4B	19.0B	17.2B	18.0B	408	332	161	59.7	86.7	85.5	36.0B	18.0B	23
24	23.1B	18.9B	17.4B	18.8B	417	314	152	58.4	86.1	86.8	35.8B	17.8B	24
25	22.8B	18.5B	17.7B	19.5B	452	308	146	57.6	84.5	97.5	35.0B	17.3B	25
26	22.2B	18.3B	17.8B	20.4B	555	288	148	58.0	82.2	106	33.0B	16.0B	26
27	21.5B	18.5B	17.9B	21.5B	661	264	144	62.2	79.6	102	32.0B	15.0B	27
28	21.0B	19.0B	17.8B	22.4B	640	248	137	122	77.9	94.7	31.0B	14.4B	28
29	20.9B		17.7B	23.8B	584	232	133	149	77.2	88.2	30.5B	14.0B	29
30	20.8B		17.2B	25.0B	609	245	127	124	76.1	90.0	30.0B	13.8B	30
31	20.9B		17.0B		640		120	114		87.4		13.7B	31
TOTAL	763.6	541.5	564.2	529.1	7 193.4	10 478	6 094	2 636.0	2 893.3	2 602.1	1 711.1	627.0	TOTAL
MEAN	24.6	19.3	18.2	17.6	232	349	197	85.0	96.4	83.9	57.0	20.2	MEAN
MAX	29.0	21.1	19.3	25.0	661	653	279	149	131	116	86.1	29.5	MAX
MIN	20.8	18.3	17.0	16.0	26.6	232	120	57.6	76.1	60.7	30.0	13.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 100
MAXIMUM DAILY, 661 ON MAY 27
MINIMUM DAILY, 13.7B ON DEC 31
MAXIMUM INSTANTANEOUS,
681 AT 23:12 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 03 52 N
LONG 127 50 41 W
DRAINAGE AREA, 6 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 000	JUL	527 000
FEB	46 800	AUG	228 000
MAR	48 700	SEP	250 000
APR	45 700	OCT	225 000
MAY	622 000	NOV	148 000
JUN	905 000	DEC	54 200

TOTAL DISCHARGE, 3 170 000 dam³

TUTSHI RIVER AT OUTLET OF TUTSHI LAKE - STATION NO. 09AA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.90B	5.35B	4.65B	3.80B	2.93	63.5	50.9	39.8	26.5	24.3	17.8	11.2	1
2	6.80B	5.40B	4.60B	3.80B	3.01	64.6	50.3	38.5	26.1	23.6	17.4	10.9	2
3	6.75B	5.40B	4.60B	3.82B	3.04	64.5	49.8	36.9	25.7	22.7	17.2	10.5	3
4	6.65B	5.43B	4.63B	3.79B	3.17	63.3	49.6	36.3	25.0	22.0	17.1	10.3	4
5	6.55B	5.45B	4.65B	3.75B	3.35	61.4	48.3	36.6	24.4	21.1	18.2	10.2	5
6	6.45B	5.50B	4.68B	3.72B	3.48	60.2	47.4	37.4	23.9	20.5A	17.7	10.0	6
7	6.30B	5.50B	4.70B	3.65B	3.68	58.7	46.0	37.3A	24.8	20.2	17.2	9.25	7
8	6.24B	5.55B	4.75B	3.60B	4.03	57.5	44.6	37.6	27.2	19.7	16.8	9.10B	8
9	6.20B	5.58B	4.75B	3.55B	4.48	55.2	43.3	38.2	31.0	19.2	16.6	9.00B	9
10	6.15B	5.60B	4.75B	3.48B	5.28	52.8A	42.6	38.1	33.6	18.7	16.2	8.90B	10
11	6.18B	5.62B	4.73B	3.39B	6.08	50.8	42.3	37.9	35.6	18.2	16.2	8.75B	11
12	6.20B	5.58B	4.70B	3.32B	7.50	49.7	42.3	37.0	36.7	17.8	15.9	8.50B	12
13	6.18B	5.50B	4.60B	3.28B	8.99	49.7	42.7	35.8	36.7	17.2	15.5	8.20B	13
14	6.20B	5.45B	4.50B	3.20B	10.6	50.6	43.0	34.7	36.2	16.9	15.3	8.00B	14
15	6.20B	5.38B	4.40B	3.15B	12.3	51.5	43.6	33.6	36.5	17.2	14.9	7.76B	15
16	6.23B	5.30B	4.30B	3.10B	14.5	52.8	44.3	32.7	35.9	17.3	14.6	7.65B	16
17	6.23B	5.20B	4.18B	3.05B	17.4	53.9	45.2	31.5	35.1	17.3	14.2	7.60B	17
18	6.21B	5.17B	4.08B	3.02B	20.3	55.3	47.1	30.1	34.4	18.1	13.9	7.55B	18
19	6.20B	5.13B	3.95B	3.00B	23.3	55.9	48.6	29.2	34.2	18.2	13.8	7.52B	19
20	6.16B	5.07B	3.85B	2.98B	26.5	56.7	48.8	28.1	33.2	18.2	13.6	7.40B	20
21	6.10B	5.03B	3.82B	3.00B	29.1	57.6	48.7	27.8	32.4	18.1	13.4	7.35B	21
22	6.05B	5.00B	3.80B	3.01B	32.3	57.6	48.1	27.9	31.6	18.1	13.0	7.30B	22
23	6.00B	4.95B	3.78B	3.02B	34.5	58.7	47.4	27.5	30.5	17.9	12.7	7.20B	23
24	5.90B	4.93B	3.75B	3.04A	36.6	59.8	46.1	27.0	29.5	17.8	12.3	7.10B	24
25	5.75B	4.88B	3.73B	2.99	39.2	59.2	45.8	26.6	28.5	17.7	12.5	7.03B	25
26	5.65B	4.80B	3.70B	3.02	42.2	58.7	44.9	26.4	27.6	17.8	12.0	7.00B	26
27	5.55B	4.75B	3.72B	2.97	46.2	57.5	43.8	26.5	26.7	17.8	11.8	6.90B	27
28	5.48B	4.70B	3.75B	2.94	50.3	55.9	43.0	26.3	25.9	18.0	11.5	6.80B	28
29	5.40B		3.77B	2.97	54.0	54.5	42.9	26.6	24.9	18.1	11.4	6.75B	29
30	5.35B		3.80B	2.99	57.6	53.1	41.9	26.8	24.4	17.9	11.3	6.65B	30
31	5.30B		3.80B		61.4		41.0	27.0		18.0		6.50B	31
TOTAL	189.51	147.20	131.47	98.40	667.32	1 701.2	1 414.3	1 003.7	904.7	585.6	442.0	254.86	TOTAL
MEAN	6.11	5.26	4.24	3.28	21.5	56.7	45.6	32.4	30.2	18.9	14.7	8.22	MEAN
MAX	6.90	5.62	4.75	3.82	61.4	64.6	50.9	39.8	36.7	24.3	18.2	11.2	MAX
MIN	5.30	4.70	3.70	2.94	2.93	49.7	41.0	26.3	23.9	16.9	11.3	6.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 64.6 ON JUN 2
MINIMUM DAILY, 2.93 ON MAY 1
MAXIMUM INSTANTANEOUS,
65.0 AT 16:00 PST ON JUN 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 56 48 N
LONG 134 19 29 W
DRAINAGE AREA, 829 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 400	JUL	122 000
FEB	12 700	AUG	86 700
MAR	11 400	SEP	78 200
APR	8 500	OCT	50 600
MAY	57 700	NOV	38 200
JUN	147 000	DEC	22 000

TOTAL DISCHARGE, 651 000 dam³

TUYA RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 B	9.60B	8.75B	6.90B	12.0E	317	81.3	21.5	22.6	34.7	31.2	16.0 B	1
2	11.5 B	9.70B	8.65B	6.78B	14.4E	258	85.9	20.5	21.0	35.0	28.2	15.8 B	2
3	11.6 B	9.80B	8.45B	6.64B	15.4E	234	90.0	19.8	19.7	32.8	27.2B	15.4 B	3
4	11.5 B	9.65B	8.25B	6.62B	17.0E	220	77.2	19.6	19.2	30.5	26.5B	15.0 B	4
5	11.3 B	9.55B	8.07B	6.62B	23.0E	189	68.1	21.0	19.6	27.9	26.0B	14.2 B	5
6	11.2 B	9.55B	8.01B	6.58B	26.0E	166	78.2	23.0	22.3	26.8	26.0B	13.5 B	6
7	11.2 B	9.60B	8.00B	6.47B	29.0E	170	88.4	21.5	26.0	27.0	25.6B	13.0 B	7
8	10.9 B	9.80B	8.05B	6.25B	32.0E	158	76.8	19.6	28.6	26.5	25.3B	12.6 B	8
9	10.7 B	9.80B	8.21B	6.06B	39.0E	143	68.5	17.9	28.7	25.6	25.1B	12.3 B	9
10	10.7 B	9.70B	8.22B	6.00B	49.0E	138	62.2	16.9	34.4	24.3	24.9B	12.1 B	10
11	10.8 B	9.50B	8.04B	6.00B	56.0E	153	56.8	16.2	34.8	24.3	24.9B	11.9 B	11
12	10.8 B	9.33B	7.95B	6.00B	65.0E	151	52.5	15.5	32.3	23.4	24.9B	11.9 B	12
13	10.9 B	9.28B	7.97B	5.95B	80.0E	157	49.4	15.0	29.6	23.3	24.7B	12.0 B	13
14	11.0 B	9.20B	8.02B	5.98B	113 E	165	45.1	14.7	27.9	26.3	24.3B	12.0 B	14
15	10.9 B	9.19B	8.05B	6.10B	145 E	159	41.8	14.4	31.7	39.5	23.2B	12.0 B	15
16	10.9 B	9.20B	8.02B	6.18B	187 A	134	38.6	14.1	44.1	52.2	22.8B	12.0 B	16
17	10.9 B	9.25B	7.96B	6.06B	213	172	35.9	13.5	45.1	46.8	22.7B	12.0 B	17
18	10.8 B	9.30B	7.71B	6.05B	248	232	34.0	13.2	44.4	41.6	22.5B	11.8 B	18
19	10.7 B	9.35B	7.52B	6.20B	297	183	32.2	13.0	43.9	39.2	22.0B	11.5 B	19
20	10.9 B	9.28B	7.38B	6.54B	324	172	30.0	12.8	38.8	33.6	21.6B	11.2 B	20
21	11.0 B	9.07B	7.24B	6.90B	312	190	28.7	12.8	35.0	31.0	20.9B	10.4 B	21
22	10.9 B	8.99B	7.20B	7.38B	306	158	27.6	12.7	32.4	29.8	19.9B	10.0 B	22
23	10.8 B	8.75B	7.19B	7.56B	300	130	26.7	12.4	31.5	29.3	19.4B	9.85B	23
24	10.6 B	8.61B	7.27B	7.70E	321	119	25.5	12.3	36.1	34.3	19.2B	9.75B	24
25	10.4 B	8.55B	7.43B	8.25E	363	116	25.3	12.2	36.0	57.1	18.9B	9.50B	25
26	10.3 B	8.50B	7.59B	9.40E	455	102	24.8	12.1	33.2	62.8	18.2B	9.20B	26
27	10.1 B	8.52B	7.60B	9.75E	500	89.5	24.5	12.2	30.9	54.0	18.0B	8.95B	27
28	10.0 B	8.60B	7.40B	9.80E	461	81.1	24.8	23.4	29.7	47.8	17.4B	8.50B	28
29	9.85B		7.20B	9.90E	397	83.1	24.6	34.1	29.2	40.5	16.8B	8.30B	29
30	9.65B		7.10B	10.4 E	394	89.5	23.5	27.8	29.3	35.7	16.3B	8.00B	30
31	9.58B		7.08B		361		22.2	24.5		34.0		7.90B	31
TOTAL	333.68	259.22	241.58	213.02	6 154.8	4 829.2	1 471.1	540.2	938.0	1 093.6	684.6	358.55	TOTAL
MEAN	10.8	9.26	7.79	7.10	199	161	47.5	17.4	31.3	35.3	22.8	11.6	MEAN
MAX	11.6	9.80	8.75	10.4	500	317	90.0	34.1	45.1	62.8	31.2	16.0	MAX
MIN	9.58	8.50	7.08	5.95	12.0	81.1	22.2	12.1	19.2	23.3	16.3	7.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.9
MAXIMUM DAILY, 500 ON MAY 27
MINIMUM DAILY, 5.95B ON APR 13
MAXIMUM INSTANTANEOUS,
523 AT 09:38 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 20 N
LONG 130 49 27 W
DRAINAGE AREA, 3 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 800	JUL	127 000
FEB	22 400	AUG	46 700
MAR	20 900	SEP	81 000
APR	18 400	OCT	94 500
MAY	532 000	NOV	59 100
JUN	417 000	DEC	31 000

TOTAL DISCHARGE, 1 480 000 dam³

UCONA RIVER AT THE MOUTH - STATION NO. 08HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.3	7.42	11.1	18.8	32.2	16.5	11.4	2.78	8.59	98.4	---	---	1
2	16.2	6.47	9.41	14.5	33.7	15.2	9.00	2.68	3.79	36.1	---	---	2
3	13.9	5.73	9.22	12.6	31.4	17.5	8.89	2.59	3.20	25.4	---	---	3
4	12.0	4.96	8.03	11.5	26.8	19.1	8.91	2.53	3.16	19.1	---	---	4
5	9.90	4.51	6.69	30.9	22.9	18.5	8.18	2.43	3.14	19.7	---	---	5
6	8.56	4.15	5.96	19.2	19.6	21.6	7.38	2.38	3.02	43.2	---	---	6
7	7.65	3.87	5.61	14.3	17.5	19.3	6.85	2.41	2.82	68.1	---	---	7
8	8.01	3.62	6.34	13.2A	16.9	16.2	6.21	2.43	2.67	52.8	---	---	8
9	19.1	3.45	6.16	12.1	16.8	14.8	5.81	2.44	2.54	33.5	---	---	9
10	16.0	3.24	6.07	12.0	16.2	14.8	6.00	2.42	2.46	23.2	---	---	10
11	13.0	3.13	6.17	11.5	15.5	14.8	6.28	2.39	2.30	17.8	---	---	11
12	11.6	3.07	6.18	11.8	15.2	13.5	6.32	2.31	2.10E	14.6	---	---	12
13	10.2	6.74	5.91	11.7	15.3	12.8	5.82	2.21	2.00E	9.32A	---	---	13
14	8.88	41.1	5.52	11.6	16.5	10.7	5.56	1.95E	1.93E	---	---	---	14
15	7.36	82.9	5.37	11.3	16.4	9.90	5.26	1.93E	1.91E	---	---	---	15
16	6.33	92.8	4.97	15.9	15.4	13.9	5.10	1.90E	2.26E	---	---	---	16
17	8.36	80.2	4.49	27.4	14.6	16.4	5.01	1.87E	3.41E	---	---	---	17
18	79.3	61.3	4.13	19.1	14.8	16.9	5.29	1.83E	4.20E	---	---	---	18
19	150	100	3.80	15.5	18.2	21.0	5.12	1.78E	7.12	---	---	---	19
20	88.2	52.6	3.58	14.7	20.4	20.0	4.84	1.71E	5.52	---	---	---	20
21	126	38.3	3.52	14.7	19.9	19.8	4.52	1.63E	47.4	---	---	---	21
22	82.5	27.3	6.54	13.6	18.3	18.1	4.27	1.58E	31.8	---	---	---	22
23	43.0	23.7	14.5	35.7	16.9	18.8	4.00	1.57E	20.1	---	---	---	23
24	27.7	22.4	13.5	80.4	19.8	16.7	3.77	1.61E	15.8	---	---	---	24
25	20.4	17.9	14.7	50.3	23.8	14.9	3.69	1.90E	12.9	---	---	---	25
26	17.5	15.6	13.5	31.5	21.9	14.0	3.69	2.21E	9.16	---	---	---	26
27	16.2	13.7	11.7	22.8	19.2	13.1	3.54	2.33E	18.0	---	---	---	27
28	14.0	12.8	11.6	20.6	17.2	10.7	3.37	2.36	39.4	---	---	---	28
29	12.2		16.7	23.5	17.9	13.9	3.20	2.07	23.8	---	---	---	29
30	10.3		15.5	25.2	19.5	13.5	3.05	1.83	36.7	---	---	---	30
31	8.84		24.0		18.3		2.93	2.07		---		---	31
TOTAL	892.49	742.96	270.47	627.9	609.0	476.90	173.26	66.13	319.20	---	---	---	TOTAL
MEAN	28.8	26.5	8.72	20.9	19.6	15.9	5.59	2.13	10.6	---	---	---	MEAN
MAX	150	100	24.0	80.4	33.7	21.6	11.4	2.78	47.4	---	---	---	MAX
MIN	6.33	3.07	3.52	11.3	14.6	9.90	2.93	1.57	1.91	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 126 05 52 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 100	JUL	15 000
FEB	64 200	AUG	5 710
MAR	23 400	SEP	27 600
APR	54 300	OCT	---
MAY	52 600	NOV	---
JUN	41 200	DEC	---

UNNAMED CREEK AT 114 AVENUE, WHALLEY - STATION NO. 08MH134

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.021	0.021	0.148	0.027	0.006	0.012	0.008	0.012	0.463	0.218	0.385	1
2	---	0.019	0.030	0.120	0.038	0.008	0.010	0.008	0.008	0.063	0.069	0.284	2
3	---	0.016	0.170	0.058	0.137	0.028	0.009	0.009	0.007	0.024	0.045	0.172	3
4	---	0.014	0.047	0.154	0.170	0.010	0.009	0.009	0.011	0.018	0.039	0.124	4
5	---	0.013	0.036	0.324	0.046	0.132	0.010	0.010	0.009	0.087	0.036	0.105	5
6	---	0.012	0.029	0.055	0.034	0.019	0.010	0.010	0.008	0.204	0.036	0.068	6
7	---	0.011	0.042	0.047	0.106	0.013	0.065	0.010	0.007	0.099	0.041	0.115	7
8	---	0.011	0.030	0.193	0.047	0.084	0.008	0.011	0.007	0.159	0.037	0.058	8
9	---	0.011	0.013	0.050	0.052	0.128	0.007	0.011	0.016	0.172	0.032	0.223	9
10	---	0.009	0.011	0.053	0.032	0.149	0.007	0.012	0.007	0.047	0.034	0.196	10
11	---	0.008	0.011	0.189	0.028	0.048	0.007	0.012	0.007	0.024	0.156	0.063	11
12	---	0.132	0.011	0.240	0.018	0.047	0.008	0.013	0.010	0.019	0.204	0.044	12
13	---	0.173	0.010	0.087	0.018	0.134	0.014	0.012	0.015	0.016	0.097	0.097	13
14	---	0.210	0.009	0.047	0.020	0.029	0.006	0.011	0.015	0.012	0.186	0.073	14
15	---	0.346	0.072	0.032	0.016	0.027	0.007	0.010	0.015	0.012	0.193	0.101	15
16	---	0.357	0.029	0.028	0.016	0.021	0.008	0.011	0.015	0.013	0.134	0.047	16
17	---	0.277	0.017	0.024	0.016	0.014	0.010	0.016	0.014	0.014	0.208	0.037	17
18	---	0.267	0.015	0.025	0.025	0.228	0.124	0.011	0.016	0.015	0.187	0.198	18
19	---	0.255	0.013	0.023	0.016	0.088	0.033	0.011	0.007	0.017	0.184	0.256	19
20	---	0.168	0.012	0.038	0.014	0.060	0.015	0.029	0.045	0.020	0.116	0.067	20
21	---	0.220	0.014	0.127	0.013	0.033	0.013	0.007	0.027	0.020	0.254	0.044	21
22	---	0.655	0.034	0.511	0.013	0.035	0.009	0.007	0.031	0.012	0.343	0.036	22
23	0.048A	0.041	0.034	0.132	0.012	0.042	0.008	0.008	0.015	0.013	0.182	0.074	23
24	0.023	0.080	0.022	0.057	0.072	0.018	0.007	0.008	0.048	0.014	0.085	0.202	24
25	0.119	0.128	0.139	0.034	0.054	0.013	0.009	0.021	0.010	0.019	0.166	0.083	25
26	0.095	0.050	0.026	0.024	0.019	0.013	0.008	0.006	0.018	0.040	0.063	0.207	26
27	0.048	0.030	0.019	0.124	0.016	0.010	0.007	0.006	0.053	0.081	0.043	0.083	27
28	0.084	0.024	0.108	0.134	0.016	0.010	0.007	0.006	0.064	0.121	0.037	0.084	28
29	0.085		0.276	0.091	0.018	0.027	0.010	0.006	0.014	0.039	0.052	0.061	29
30	0.038		0.281	0.039	0.011	0.017	0.007	0.008	0.056	0.227	0.334	0.045	30
31	0.025		0.313		0.008		0.007	0.065		0.780		0.035	31
TOTAL	---	2.954	1.894	3.208	1.128	1.487	0.471	0.380	0.587	2.864	3.807	3.667	TOTAL
MEAN	---	0.106	0.061	0.107	0.036	0.050	0.015	0.012	0.020	0.092	0.127	0.118	MEAN
MAX	---	0.357	0.313	0.511	0.170	0.228	0.124	0.065	0.064	0.780	0.343	0.385	MAX
MIN	---	0.008	0.009	0.023	0.008	0.006	0.006	0.006	0.007	0.012	0.032	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.780 ON OCT 31
MINIMUM DAILY, 0.006 ON JUN 1
MAXIMUM INSTANTANEOUS,
1.39 AT 16:00 PST ON OCT 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 35 N
LONG 122 51 07 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	40.7
FEB	255	AUG	32.8
MAR	164	SEP	50.7
APR	277	OCT	247
MAY	97.5	NOV	329
JUN	128	DEC	317

UNUK RIVER NEAR STEWART - STATION NO. 08DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	140	36.4E	24.5E	54.9	72.7	161	166	232	167	157	92.7	47.5E	1
2	118	36.0E	23.5E	54.6	72.0	154	189	248	152	119	89.0	46.5E	2
3	102	35.5E	23.0E	53.4	73.4	165	236	321	142	107	86.4	45.5E	3
4	90.4	35.0E	22.2E	52.8	77.5	164	184	326	142	99.9	93.8	45.0E	4
5	76.5	34.2E	21.7E	51.9	84.4	149	158	421	192	95.1	482	44.0E	5
6	63.9	33.5E	21.3E	50.8	96.0	143	142	314	433	93.3	130 E	42.5E	6
7	58.3	33.0E	21.1E	50.3	112	142	135	277	362	96.1	90.0E	41.5E	7
8	56.6	32.5E	21.1E	49.7	123	134	136	286	532	96.5	86.0E	41.0E	8
9	53.8	32.0E	21.2E	48.9	126	130	140	270	971	91.1	90.0E	44.5E	9
10	58.6	31.0E	21.3E	46.7	108	135	155	293	589	87.7	97.0E	42.0E	10
11	65.4	30.5E	21.4E	45.9	101	146	182	256	627	88.8	106 E	40.0E	11
12	63.0	30.0E	21.4E	45.0	98.5	167	216	224	220	82.5	90.0E	40.0E	12
13	64.7	29.2E	21.5E	45.4	102	176	220	214	169	87.4	78.0E	47.0E	13
14	68.2	28.7E	21.5E	46.2	110	183	229	221	204	110	70.0E	45.5E	14
15	66.2	28.3E	21.6E	46.6	118	176	234	243	724	203	66.0E	43.0E	15
16	64.4	31.0E	21.7E	48.8	133	162	225	222	351	154	62.0E	39.5E	16
17	65.9	33.0E	21.8E	48.9	126	149	253	201	251	126	59.0E	38.0E	17
18	68.6	37.0E	21.9E	48.6	131	147	291	209	286	233	57.5E	37.0E	18
19	91.4	45.0E	22.0E	51.0	137	158	283	204	198	139	56.5E	37.0E	19
20	87.2	41.0E	22.1E	55.9	142	161	232	255	160	117	55.0E	36.8E	20
21	92.1	37.5E	22.2E	58.4	142	158	201	347	143	107	53.5E	36.2E	21
22	104	35.0E	22.7E	56.5	138	160	200	241	141	98.8	52.5E	35.5E	22
23	74.0E	32.0E	23.5E	55.5	137	172	223	190	132	101	51.0E	34.0E	23
24	62.0E	30.0E	25.0E	57.9	150	180	259	236	123	119	50.5E	34.0E	24
25	54.0E	28.5E	27.0E	57.8	171	172	301	408	117	136	49.5E	34.0E	25
26	47.0E	27.5E	31.0E	56.6	173	163	300	313	111	113	48.0E	33.9E	26
27	45.0E	26.5E	40.0E	56.1	162	165	297	236	106	103	48.0E	33.8E	27
28	41.0E	25.8E	52.0E	56.8	157	166	285	220	107	97.1	49.5E	33.6B	28
29	38.0E		65.2	61.1	164	174	290	184	103	94.0	51.0E	33.4B	29
30	37.5E		59.6	67.6	182	169	284	187	168	92.9	49.0E	33.2B	30
31	36.8E		56.3		179		260	177		95.2		33.0B	31
TOTAL	2 154.5	915.6	862.3	1 580.6	3 898.5	4 781	6 906	7 984	8 123	3 536.4	2 539.4	1 218.4	TOT
MEAN	69.5	32.7	27.8	52.7	126	159	223	258	271	114	84.6	39.3	MEA
MAX	140	45.0	65.2	67.6	182	183	301	421	971	233	482	47.5	MAX
MIN	36.8	25.8	21.1	45.0	72.0	130	135	177	103	82.5	48.0	33.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 122
MAXIMUM DAILY, 971 ON SEP 9
MINIMUM DAILY, 21.1E ON MAR 7
MAXIMUM INSTANTANEOUS,
1 080 AT 03:25 PST ON SEP 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 21 05 N
LONG 130 41 30 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	186 000	JUL	597 000
FEB	79 100	AUG	690 000
MAR	74 500	SEP	702 000
APR	137 000	OCT	306 000
MAY	337 000	NOV	219 000
JUN	413 000	DEC	105 000

TOTAL DISCHARGE, 3 850 000 dam³

VAN TINE CREEK NEAR THE MOUTH - STATION NO. 08JA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0.165B	0.085B	0.060B	0.060B	0.995B	3.25	0.969	0.359	0.082	0.119	0.307	0.127B	1
2	0.160B	0.082B	0.060B	0.060B	0.890B	2.79	0.938	0.309	0.101	0.123	0.311	0.124B	2
3	0.158B	0.080B	0.059B	0.060B	0.830B	2.52	0.871	0.253	0.111	0.124	0.274	0.122B	3
4	0.156B	0.078B	0.058B	0.059B	0.841	2.35	0.780	0.229	0.108	0.122	0.262	0.121B	4
5	0.154B	0.076B	0.056B	0.059B	0.959	2.18	0.709	0.214	0.106	0.120	0.259	0.121B	5
6	0.152B	0.074B	0.056B	0.059B	1.12	1.97	0.607	0.199	0.124	0.112	0.252	0.120B	6
7	0.150B	0.071B	0.056B	0.059B	1.12	1.75	0.559	0.191	0.121	0.125	0.254	0.117B	7
8	0.149B	0.069B	0.056B	0.058B	1.15	1.68	0.543	0.157	0.099	0.122	0.241	0.111B	8
9	0.146B	0.068B	0.056B	0.058B	1.20	1.64	0.473	0.135	0.095	0.118	0.237	0.102B	9
10	0.144B	0.067B	0.056B	0.058B	0.953	1.68	0.437	0.123	0.088	0.126	0.262	0.096B	10
11	0.142B	0.065B	0.057B	0.058B	0.826	2.86	0.407	0.111	0.078	0.130	0.410	0.090B	11
12	0.140B	0.064B	0.057B	0.058B	0.870	3.89	0.377	0.114	0.070	0.131	0.518	0.087B	12
13	0.139B	0.063B	0.057B	0.059B	1.02	3.44	0.377	0.112	0.071	0.149	0.433	0.084B	13
14	0.136B	0.063B	0.057B	0.060B	1.69	2.81	0.353	0.100	0.071	0.148	0.379	0.082B	14
15	0.134B	0.064B	0.057B	0.063B	5.51	2.26	0.347	0.094	0.071	0.166	0.353	0.080B	15
16	0.133B	0.064B	0.057B	0.067B	6.30	2.15	0.389	0.085	0.072	0.165	0.337	0.076B	16
17	0.130B	0.066B	0.057B	0.076B	4.40	1.93	0.358	0.078	0.067	0.160	0.305B	0.071B	17
18	0.129B	0.067B	0.056B	0.134B	3.34	1.84	0.323	0.073	0.066	0.159	0.280B	0.065B	18
19	0.130B	0.068B	0.056B	0.185B	3.13	2.20	0.338	0.068	0.071	0.146	0.265B	0.059B	19
20	0.131B	0.068B	0.056B	0.250B	3.11	2.18	0.339	0.060	0.078	0.138	0.254B	0.053B	20
21	0.127B	0.067B	0.056B	0.300B	3.12	2.06	0.324	0.055	0.083	0.159	0.240B	0.049B	21
22	0.124B	0.066B	0.056B	0.350B	2.83	1.95	0.298	0.057	0.092	0.132	0.225B	0.046B	22
23	0.120B	0.065B	0.056B	0.430B	2.48	2.36	0.274	0.061	0.095	0.142	0.211B	0.043B	23
24	0.115B	0.063B	0.058B	0.740B	2.93	2.11	0.252	0.060	0.087	0.149	0.200B	0.042B	24
25	0.109B	0.062B	0.059B	0.530B	4.20	1.79	0.234	0.058	0.092	0.139	0.191B	0.041B	25
26	0.103B	0.061B	0.061B	0.440B	7.51	1.49	0.224	0.070	0.098	0.149	0.179B	0.041B	26
27	0.100B	0.060B	0.062B	0.420B	5.96	1.39	0.209	0.081	0.096	0.155	0.165B	0.040B	27
28	0.096B	0.060B	0.061B	0.435B	4.76	1.23	0.190	0.086	0.103	0.157	0.155B	0.038B	28
29	0.093B		0.060B	0.460B	3.75	1.09	0.450	0.080	0.105	0.174	0.145B	0.038B	29
30	0.090B		0.060B	0.530B	3.66	1.05	0.571	0.084	0.110	0.159	0.135B	0.037B	30
31	0.087B		0.060B		3.83		0.450	0.075		0.225		0.035B	31
TOTAL	4.042	1.906	1.789	6.235	85.284	63.89	13.970	3.831	2.711	4.443	8.039	2.358	TOT
MEAN	0.130	0.068	0.058	0.208	2.75	2.13	0.451	0.124	0.090	0.143	0.268	0.076	MEA
MAX	0.165	0.085	0.062	0.740	7.51	3.89	0.969	0.359	0.124	0.225	0.518	0.127	MAX
MIN	0.087	0.060	0.056	0.058	0.826	1.05	0.190	0.055	0.066	0.112	0.135	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.548
MAXIMUM DAILY, 7.51 ON MAY 26
MINIMUM DAILY, 0.035B ON DEC 31
MAXIMUM INSTANTANEOUS,
8.08 AT 09:36 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 125 24 50 W
DRAINAGE AREA, 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	349	JUL	1 210
FEB	165	AUG	331
MAR	155	SEP	234
APR	539	OCT	384
MAY	7 370	NOV	695
JUN	5 520	DEC	204

TOTAL DISCHARGE, 17 200 dam³

VANCE CREEK BELOW DEAPIES CREEK - STATION NO. 08LC040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.116	0.118	0.178	0.452	1.50	1.65	1.18	0.564	0.246	0.149	0.152	0.144	1
2	0.114	0.118	0.207	0.510	1.69	1.44	0.949	0.564	0.246	0.149	0.152	0.147	2
3	0.116	0.132	0.195	0.510	1.50	1.32	0.821	0.545	0.240	0.149	0.152	0.144	3
4	0.116	0.123	0.280	0.452	1.50	1.38	0.821	0.545	0.246	0.152	0.149	0.144	4
5	0.116	0.127	0.280	0.452	1.31	1.25	0.777	0.518	0.229	0.149	0.149	0.147	5
6	0.119	0.127	0.269	0.452	1.38	1.44	0.711	0.483	0.229	0.152	0.152	0.147	6
7	0.116	0.137	0.269	0.413	1.31	1.25	0.821	0.447	0.229	0.154	0.152	0.147	7
8	0.113E	0.137	0.269	0.413	1.24	1.18	0.949	0.382	0.212	0.154	0.152	0.147	8
9	0.110E	0.137	0.280	0.413	1.24	1.08	0.821	0.382	0.212	0.164	0.152	0.142	9
10	0.108E	0.136E	0.280	0.385	1.31	1.08	0.711	0.382	0.212	0.159	0.149	0.144	10
11	0.108E	0.136E	0.280	0.368	1.38	1.65	0.821	0.357	0.212	0.159	0.149	0.144	11
12	0.110E	0.136E	0.280	0.368	1.38	1.44	0.711	0.326	0.219	0.154	0.149	0.142	12
13	0.113E	0.137	0.280	0.368	1.38	1.65	0.711	0.326	0.219	0.154	0.149	0.142	13
14	0.116E	0.135	0.292	0.377	1.38	1.44	1.08	0.307	0.212	0.157	0.149	0.137	14
15	0.119E	0.142	0.303	0.377	1.50	1.44	1.08	0.307	0.212	0.154	0.149	0.137	15
16	0.122E	0.137	0.340	0.377	2.09	1.44	1.00	0.298	0.212	0.154	0.149	0.132	16
17	0.122E	0.151	0.340	0.377	2.09	1.25	0.949	0.298	0.212	0.154	0.149	0.130	17
18	0.116E	0.162	0.340	0.377	2.01	1.25	0.949	0.283	0.212	0.152	0.152	0.128	18
19	0.110E	0.162	0.354	0.413	2.01	1.65	0.949	0.283	0.226	0.152	0.149	0.125	19
20	0.110E	0.162	0.354	0.510	2.25	1.65	0.821	0.246	0.210E	0.152	0.149	0.123	20
21	0.116E	0.151	0.340	0.510	2.43	1.44	0.821	0.246	0.195E	0.152	0.152	0.123	21
22	0.132	0.162	0.354	0.637	2.40	1.25	0.821	0.243	0.171E	0.152	0.149	0.123	22
23	0.151	0.162	0.354	0.833	2.13	1.44	0.711	0.246	0.165E	0.149	0.149	0.125	23
24	0.153E	0.162	0.354	2.21	1.87	1.25	0.766	0.240	0.159E	0.149	0.149	0.125	24
25	0.157	0.178	0.368	1.78	1.82	1.08	0.777	0.229	0.150E	0.149	0.147	0.125	25
26	0.151	0.178	0.368	1.44	2.24	1.08	0.711	0.229	0.134E	0.147	0.147	0.125	26
27	0.151	0.178	0.385	1.37	2.11	1.00	0.711	0.229	0.126E	0.149	0.147	0.123	27
28	0.151	0.178	0.399	1.31	1.69	0.949	0.609	0.223	0.138E	0.149	0.147	0.123	28
29	0.151		0.399	1.13	1.44	0.949	0.609	0.229	0.147	0.149	0.147	0.123	29
30	0.151		0.413	1.13	1.40	0.821	0.609	0.246	0.150	0.149	0.144	0.119B	30
31	0.151		0.413		1.87		0.609	0.240		0.152		0.116B	31
TOTAL	3.905	4.101	9.817	20.714	52.85	39.189	25.386	10.443	5.982	4.719	4.482	4.143	TOTAL
MEAN	0.126	0.146	0.317	0.690	1.70	1.31	0.819	0.337	0.199	0.152	0.149	0.134	MEAN
MAX	0.157	0.178	0.413	2.21	2.43	1.65	1.18	0.564	0.246	0.164	0.152	0.147	MAX
MIN	0.108	0.118	0.178	0.368	1.24	0.821	0.609	0.223	0.126	0.147	0.144	0.116	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.509
MAXIMUM DAILY, 2.43 ON MAY 21
MINIMUM DAILY, 0.108E ON JAN 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 17 05 N
LONG 118 56 48 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	337	JUL	2 190
FEB	354	AUG	902
MAR	848	SEP	517
APR	1 790	OCT	408
MAY	4 570	NOV	387
JUN	3 390	DEC	358

TOTAL DISCHARGE, 16 100 dam³

VASEUX CREEK ABOVE DUTTON CREEK - STATION NO. 08NM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.371E	0.244B	0.278	0.411	7.65	7.16	2.79	1.18	0.620	0.363	1.19	0.547	1
2	0.368E	0.238B	0.278	0.379	5.61	6.74	2.51	1.03	0.694	0.527	1.14	0.556	2
3	0.362E	0.235B	0.297	0.362	4.19	6.03	2.29	0.923	0.464	0.502	1.04	0.447	3
4	0.360E	0.232B	0.428	0.334	3.57	5.69	2.13	0.886	0.388	0.406	0.933	0.528	4
5	0.357E	0.232B	0.433	0.328	3.00	5.32	2.05	0.821	0.343	0.356	0.784	0.552	5
6	0.354E	0.227B	0.433	0.311	2.86	5.89	2.08	0.767	0.311	0.435	0.737	0.515	6
7	0.354E	0.218B	0.430	0.300	2.70	5.04	2.71	0.682	0.283	2.35	0.726	0.504	7
8	0.348E	0.212B	0.405	0.314	2.61	4.84	3.34	0.617	0.241	1.41	0.682	0.481	8
9	0.340E	0.207B	0.422	0.309	2.92	5.13	3.48	0.558	0.215	1.18	0.644	0.493	9
10	0.317E	0.198B	0.439	0.297	3.23	6.88	3.14	0.510	0.201	0.955	0.630	0.524	10
11	0.297B	0.193B	0.447	0.309	3.54	6.99	2.86	0.467	0.190	0.757	0.673	0.462	11
12	0.280B	0.198B	0.450	0.289	3.60	5.89	2.53	0.416	0.181	0.664	1.09	0.430B	12
13	0.263B	0.212B	0.442	0.280	3.85	8.21	2.83	0.379	0.176	0.593	0.933	0.408B	13
14	0.258B	0.224B	0.445	0.283	4.33	8.44	3.60	0.371	0.170	0.578	0.898	0.419B	14
15	0.255B	0.232B	0.462	0.328	7.08	7.11	3.00	0.357	0.161	0.578	0.817	0.425B	15
16	0.255B	0.238A	0.549	0.422	6.37	6.29	2.86	0.340	0.159	0.588	0.782	0.405B	16
17	0.258B	0.249	0.467	0.467	7.39	5.38	2.64	0.476	0.159	0.597	0.756	0.416B	17
18	0.266B	0.249	0.436	0.535	8.47	5.27	3.17	0.402	0.153	0.568	0.734	0.439B	18
19	0.272B	0.246	0.413	0.688	10.3	5.83	2.86	0.360	0.215	0.552	0.707	0.470B	19
20	0.272B	0.241	0.402	0.801	11.4	5.27	2.44	0.442	0.258	0.518	0.663	0.428B	20
21	0.272B	0.232	0.391	0.852	15.4	4.53	2.19	0.416	0.269	0.408	0.703	0.399B	21
22	0.275B	0.232	0.391	0.994	12.2	4.45	2.04	0.343	0.275	0.433	0.652	0.396B	22
23	0.278B	0.235	0.382	1.85	11.4	5.07	1.85	0.306	0.269	0.470	0.626	0.396B	23
24	0.286B	0.252	0.360	4.02	11.2	4.25	2.03	0.280	0.280	0.461	0.543	0.402B	24
25	0.294B	0.278	0.368	3.06	17.3	3.79	2.21	0.249	0.289A	0.491	0.479	0.416B	25
26	0.286B	0.280	0.377	2.54	15.3	3.60	1.78	0.224	0.266	0.481	0.581	0.399B	26
27	0.269B	0.272	0.374	2.37	11.4	3.34	1.54	0.212	0.282	0.477	0.466	0.374B	27
28	0.258B	0.280	0.382	2.12	9.88	3.09	1.31	0.207	0.377	1.97	0.445	0.348B	28
29	0.255B		0.425	2.39	9.15	2.86	1.23	0.218	0.400	1.93	0.549	0.337B	29
30	0.255B		0.413	4.59	9.66	2.80	1.44	0.309	0.378	1.07	0.476	0.317B	30
31	0.249B		0.413		8.58		1.27	0.311		1.01		0.311B	31
TOTAL	9.184	6.586	12.632	32.533	236.14	161.18	74.20	15.059	8.667	23.678	22.079	13.544	TOTAL
MEAN	0.296	0.235	0.407	1.08	7.62	5.37	2.39	0.486	0.289	0.764	0.736	0.437	MEAN
MAX	0.371	0.280	0.549	4.59	17.3	8.44	3.60	1.18	0.694	2.35	1.19	0.556	MAX
MIN	0.249	0.193	0.278	0.280	2.61	2.80	1.23	0.207	0.153	0.356	0.445	0.311	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 17.3 ON MAY 25
MINIMUM DAILY, 0.153 ON SEP 18
MAXIMUM INSTANTANEOUS,
26.2 AT 20:40 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 44 N
LONG 119 28 27 W
DRAINAGE AREA, 255 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	793	JUL	6 410
FEB	569	AUG	1 300
MAR	1 090	SEP	749
APR	2 810	OCT	2 050
MAY	20 400	NOV	1 910
JUN	13 900	DEC	1 170

TOTAL DISCHARGE, 53 200 dam³

VASEUX CREEK ABOVE SOLCO CREEK - STATION NO. 08NM171

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0.201	0.164B	0.127	0.142	4.45	4.42	1.75	0.609	0.351	0.238	1.09	0.587	1
2	0.195B	0.159B	0.125	0.136	3.06	4.19	1.63	0.575	0.416	0.331	0.997	0.508	2
3	0.187B	0.153B	0.125	0.136	2.23	3.85	1.51	0.530	0.328	0.290	0.872	0.440	3
4	0.184B	0.147B	0.127	0.130	1.93	3.65	1.38	0.513	0.294	0.247	0.678	0.522	4
5	0.184B	0.142B	0.127	0.133	1.65	3.37	1.28	0.490	0.286	0.225	0.569	0.519	5
6	0.187B	0.136B	0.125	0.133	1.50	3.68	1.29	0.464	0.258	0.438	0.526	0.476	6
7	0.190B	0.119B	0.122	0.130	1.39	3.31	1.87	0.439	0.241	1.83	0.506	0.448	7
8	0.187B	0.102B	0.119	0.130	1.44	3.06	2.00	0.422	0.221	0.869	0.487	0.438	8
9	0.184B	0.093B	0.116	0.125	1.75	3.11	2.19	0.399	0.204	0.639	0.470	0.449	9
10	0.181B	0.088B	0.122	0.122	2.04	3.77	1.78	0.374	0.195	0.529	0.460	0.476	10
11	0.176B	0.082B	0.125	0.127	2.19	4.13	1.60	0.348	0.181	0.448	0.504	0.436	11
12	0.173B	0.082B	0.130	0.127	2.18	3.48	1.40	0.328	0.176	0.414	1.08	0.365	12
13	0.173B	0.091B	0.136	0.127	2.37	4.19	1.53	0.320	0.164	0.386	0.778	0.360B	13
14	0.170B	0.102B	0.142	0.130	2.81	4.36	2.10	0.303	0.164	0.380	0.654	0.368B	14
15	0.173B	0.113B	0.147	0.167	4.33	3.91	1.61	0.292	0.161	0.389	0.614	0.402B	15
16	0.178B	0.122B	0.159	0.218	3.71	3.54	1.44	0.280	0.156	0.393	0.595	0.394B	16
17	0.184B	0.125B	0.144	0.235	4.39	3.20	1.35	0.371	0.144	0.388	0.564	0.411B	17
18	0.184B	0.125B	0.142	0.269	5.64	3.00	1.58	0.337	0.142	0.381	0.552	0.425B	18
19	0.184B	0.122B	0.136	0.320	7.22	3.23	1.47	0.300	0.170	0.368	0.526	0.437	19
20	0.187B	0.116B	0.136	0.365	8.61	3.00	1.25	0.317	0.193	0.346	0.507	0.388	20
21	0.187B	0.113	0.133	0.379	12.6	2.69	1.11	0.331	0.198	0.269	0.539	0.376	21
22	0.193B	0.102	0.139	0.453	9.80	2.63	1.04	0.294	0.212	0.290	0.504	0.373	22
23	0.198B	0.099	0.130	1.09	9.29	2.97	0.980	0.272	0.210	0.305	0.496	0.383	23
24	0.198B	0.119	0.133	2.14	9.26	2.63	1.15	0.255	0.218A	0.300	0.451	0.391	24
25	0.195B	0.130	0.133	1.46	15.5	2.35	1.35	0.235	0.216	0.316	0.474	0.400	25
26	0.190B	0.130	0.136	1.23	13.0	2.29	1.03	0.221	0.201	0.311	0.482	0.399	26
27	0.187B	0.130	0.139	1.11	8.24	2.15	0.883	0.207	0.215	0.319	0.414	0.357	27
28	0.181B	0.127	0.142	0.980	6.34	1.98	0.759	0.195	0.280	1.71	0.473	0.336	28
29	0.173A		0.150	1.25	5.80	1.81	0.668	0.195	0.267	1.55	0.548	0.324	29
30	0.170		0.147	2.97	6.26	1.75	0.824	0.229	0.255	0.902	0.511	0.317	30
31	0.167		0.142		5.64		0.671	0.238		0.825		0.309A	31
TOTAL	5.701	3.333	4.156	16.464	166.62	95.70	42.075	10.683	6.717	16.622	17.921	12.814	TOT
MEAN	0.184	0.119	0.134	0.549	5.37	3.19	1.36	0.345	0.224	0.536	0.597	0.413	MEA
MAX	0.201	0.164	0.159	2.97	15.5	4.42	2.19	0.609	0.416	1.83	1.09	0.587	MAX
MIN	0.167	0.082	0.116	0.122	1.39	1.75	0.668	0.195	0.142	0.225	0.414	0.309	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 15.5 ON MAY 25
MINIMUM DAILY, 0.082B ON FEB 11
MAXIMUM INSTANTANEOUS,
24.6 AT 20:05 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 58 N
LONG 119 19 16 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	493	JUL	3 640
FEB	288	AUG	923
MAR	359	SEP	580
APR	1 420	OCT	1 440
MAY	14 400	NOV	1 550
JUN	8 270	DEC	1 110

TOTAL DISCHARGE, 34 500 dam³

VEDDER RIVER NEAR YARROW - STATION NO. 08MH047

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	3.142	2.512	2.591	2.490	3.005	2.810	2.868	2.560	2.493	2.560	2.737	2.496	1
2	3.072	2.505	2.576	2.472	2.908	2.807	2.819	2.551	2.448	2.600	2.637	2.597	2
3	2.960	2.499	2.585	2.469	2.819	2.813	2.829	2.536	2.432	2.505	2.615	2.563	3
4	2.886	2.496	2.560	2.460	2.765	2.941	2.859	2.524	2.426	2.490	2.554	2.524	4
5	2.829	2.481	2.545	2.499	2.716	2.993	2.847	2.521	2.417	2.475	2.527	2.804	5
6	2.789	2.469	2.554	2.466	2.673	3.005	2.795	2.524	2.417	2.728	2.505	2.679	6
7	2.749	2.463	2.515	2.454	2.652	2.874	2.752	2.521	2.411	2.807	2.490	2.612	7
8	2.707	2.457	2.502	2.457	2.618	2.893	2.691	2.521	2.411	2.667	2.484	2.582	8
9	2.667	2.448	2.499	2.441	2.658	2.871	2.673	2.521	2.414	2.624	2.475	2.643	9
10	2.646	2.438	2.493	2.460	2.624	2.926	2.682	2.518	2.414	2.615	2.469	2.804	10
11	2.633	2.435	2.512	2.505	2.615	2.853	2.655	2.515	2.408	2.557	2.682	2.694	11
12	2.606	2.512	2.505	2.512	2.603	2.838	2.643	2.505	2.408	2.524	2.740	2.637	12
13	2.591	2.499	2.499	2.478	2.621	2.829	2.667	2.502	2.399	2.509	2.646	2.594	13
14	2.576	2.688	2.493	2.460	2.658	2.783	2.679	2.499	2.393	2.490	2.615	2.588	14
15	2.554	3.027	2.499	2.460	2.643	2.749	2.673	2.490	2.387	2.481	2.627	2.563	15
16	2.539	3.335	2.490	2.475	2.621	2.835	2.691	2.487	2.393	2.469	2.682	2.539	16
17	2.527	3.142	2.472	2.460	2.600	2.841	2.746	2.481	2.390	2.466	2.637	2.515	17
18	2.524	3.295	2.460	2.457	2.624	2.868	2.710	2.478	2.390	2.441	2.682	2.582	18
19	2.533	3.459	2.441	2.466	2.685	3.069	2.731	2.472	2.402	2.448	2.630	2.707	19
20	2.530	3.280	2.438	2.509	2.697	3.051	2.743	2.469	2.396	2.444	2.591	2.591	20
21	2.579	3.002	2.438	2.496	2.710	2.996	2.704	2.444	2.429	2.438	2.646	2.576	21
22	2.688	2.832	2.454	2.725	2.704	2.944	2.682	2.451	2.420	2.435	2.643	2.542	22
23	2.630	2.963	2.469	2.969	2.707	2.884	2.667	2.448	2.414	2.420	2.585	2.527	23
24	2.649	3.039	2.444	2.947	2.807	2.926	2.661	2.448	2.408	2.411	2.560	2.521	24
25	2.606	2.990	2.460	2.771	2.676	2.926	2.661	2.441	2.402	2.408	2.551	2.515	25
26	2.585	2.871	2.444	2.710	2.862	2.914	2.658	2.438	2.393	2.496	2.530	2.502	26
27	2.560	2.716	2.475	2.655	2.810	2.890	2.655	2.432	2.408	2.606	2.509	2.493	27
28	2.563	2.618	2.481	2.911	2.795	2.819	2.643	2.417	2.454	2.725	2.493	2.478	28
29	2.554		2.499	2.896	2.880	2.929	2.643	2.423	2.438	2.646	2.490	2.469	29
30	2.530		2.502	2.932	2.975	2.914	2.603	2.414	2.426	2.569	2.487	2.466	30
31	2.518		2.527		2.877		2.582	2.426		2.850		2.460	31
MEAN	2.662	2.767	2.497	2.582	2.729	2.896	2.707	2.483	2.415	2.545	2.584	2.576	MEA
MAX	3.142	3.459	2.591	2.969	3.005	3.069	2.868	2.560	2.493	2.850	2.740	2.804	MAX
MIN	2.518	2.435	2.438	2.441	2.600	2.749	2.582	2.414	2.387	2.408	2.469	2.460	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.619
MAXIMUM DAILY, 3.459 ON FEB 19
MINIMUM DAILY, 2.387 ON SEP 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 30 N
LONG 122 02 10 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 5.788 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

VERNON CREEK AT INLET TO WOOD LAKE - STATION NO. 08NM009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.105	0.535	0.561	0.504	0.640	2.94	0.994	0.261	0.773	0.399	0.426	0.371	1
2	0.102	0.530	0.555	0.498	0.699	2.83	0.943	0.198	0.801	0.494	0.428	0.380	2
3	0.082	0.521	0.552	0.496	0.728	2.74	0.875	0.187	0.818	0.467	0.433	0.376	3
4	0.110	0.541	0.606	0.481	0.779	2.59	0.830	0.215	0.841	0.447	0.430	0.370	4
5	0.156	0.532	0.586	0.473	0.852	2.42	0.782	0.201	0.844	0.420	0.426	0.376	5
6	0.105	0.535	0.569	0.484	0.954	2.29	0.733	0.198	0.833	0.416	0.427	0.386	6
7	0.065	0.530	0.566	0.473	1.09	2.14	0.733	0.464	0.818	0.414	0.413	0.381	7
8	0.071	0.530	0.555	0.456	1.25	2.02	0.731	0.648	0.799	0.379	0.402	0.375	8
9	0.292	0.527	0.547	0.453	1.39	1.95	0.719	0.634	0.782	0.367	0.394	0.382	9
10	0.294	0.450B	0.547	0.436	1.55	1.92	0.716	0.597	0.776	0.359	0.392	0.387	10
11	0.294	0.498	0.544	0.428	1.69	1.88	0.725	0.564	0.750	0.347	0.398	0.389	11
12	0.300	0.513	0.541	0.408	1.86	1.85	0.702	0.547	0.725	0.332	0.411	0.379A	12
13	0.309	0.524	0.530	0.391	1.96	1.81	0.699	0.518	0.708	0.333	0.416	0.368E	13
14	0.309	0.538	0.515	0.368	2.06	1.79	0.716	0.501	0.702	0.322	0.413	0.348E	14
15	0.309	0.555	0.513	0.345	2.30	1.78	0.716	0.493	0.682	0.322	0.410	0.360E	15
16	0.309	0.575	0.513	0.326	2.61	1.73	0.699	0.470	0.668	0.314	0.403	0.365E	16
17	0.311	0.566	0.498	0.309	2.83	1.67	0.685	0.479	0.643	0.307	0.403	0.357E	17
18	0.314	0.555	0.481	0.294	2.92	1.63	0.665	0.476	0.629	0.284	0.412	0.348E	18
19	0.328	0.583	0.487	0.286	3.09	1.63	0.646	0.473	0.640	0.243	0.415	0.334E	19
20	0.351	0.566	0.496	0.294	3.23	1.62	0.631	0.524	0.617	0.202	0.414	0.365B	20
21	0.368	0.555	0.490	0.294	3.48	1.58	0.592	0.566	0.603	0.175	0.409	0.348B	21
22	0.399	0.541	0.484	0.289	3.68	1.53	0.521	0.578	0.592	0.165	0.404	0.317B	22
23	0.436	0.538	0.481	0.309	3.77	1.50	0.473	0.592	0.580	0.140	0.399	0.292B	23
24	0.442	0.532	0.496	0.396	3.77	1.45	0.498	0.597	0.572	0.140	0.402	0.300B	24
25	0.447	0.603	0.493	0.439	3.79	1.37	0.513	0.600	0.555	0.103	0.404	0.323B	25
26	0.462	0.578	0.490	0.484	3.94	1.31	0.484	0.609	0.532	0.158	0.397	0.309B	26
27	0.481	0.575	0.490	0.515	4.05	1.24	0.496	0.589	0.518	0.449	0.384	0.297B	27
28	0.510	0.569	0.498	0.541	3.79	1.16	0.425	0.569	0.504	0.454	0.378	0.303B	28
29	0.530		0.521	0.558	3.62	1.07	0.351	0.629	0.467	0.443	0.370	0.275B	29
30	0.549		0.515	0.589	3.37	1.03	0.311	0.685	0.411A	0.443	0.362	0.249B	30
31	0.547		0.501		3.11		0.292	0.714		0.431		0.224B	31
TOTAL	9.687	15.195	16.221	12.617	74.852	54.47	19.896	15.376	20.183	10.269	12.175	10.634	TOTAL
MEAN	0.312	0.543	0.523	0.421	2.41	1.82	0.642	0.496	0.673	0.331	0.406	0.343	MEAN
MAX	0.549	0.603	0.606	0.589	4.05	2.94	0.994	0.714	0.844	0.494	0.433	0.389	MAX
MIN	0.065	0.450	0.481	0.286	0.640	1.03	0.292	0.187	0.411	0.103	0.362	0.224	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.744
MAXIMUM DAILY, 4.05 ON MAY 27
MINIMUM DAILY, 0.065 ON JAN 7
MAXIMUM INSTANTANEOUS,
4.22 AT 14:28 PST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 58 N
LONG 119 24 20 W
DRAINAGE AREA, 151 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	837	JUL	1 720
FEB	1 310	AUG	1 330
MAR	1 400	SEP	1 740
APR	1 090	OCT	887
MAY	6 470	NOV	1 050
JUN	4 710	DEC	919

TOTAL DISCHARGE, 23 500 dam³

VERNON CREEK AT OUTLET OF KALAMALKA LAKE - STATION NO. 08NM065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.283A	0.353	0.595	1.96	1.89	3.76	3.61	2.72	0.495	0.140	1.30 A	0.070A	1
2	0.267A	0.344	0.600	1.95	1.93	3.83	3.56	2.70	0.476	0.157	1.30 A	0.008A	2
3	0.267A	0.333	0.608	1.94	1.94	3.68	3.45	2.66	0.460	0.128	1.30 A	0.075A	3
4	0.267A	0.332	0.540A	1.90	1.99	3.64	3.47	2.65	0.473	0.129	1.30 A	0.008A	4
5	0.267A	0.329	0.668	1.94	2.02	3.66	3.38	2.58	0.466	0.129	0.140A	0.082A	5
6	0.267E	0.334	0.663	1.95	2.01	3.67	3.35	2.53	0.464	0.138	0.140A	0.075A	6
7	0.301A	0.332	0.661	1.93	2.03	3.62	3.43	2.43	0.477	0.159	0.140A	0.075A	7
8	0.314	0.331	0.628	1.90	2.06	3.59	3.32	2.41	0.485	0.163	0.131A	0.082A	8
9	0.303	0.321	0.662	1.93	2.11	3.58	3.23	2.37	0.374	0.165	0.131A	0.082A	9
10	0.293	0.313	0.678	1.91	2.15	3.63	3.20	2.27	0.199	0.153	0.082A	0.090A	10
11	0.289	0.320	0.691	1.92	2.18	3.65	3.18	2.23	0.195	0.154	0.106A	0.090A	11
12	0.292	0.351	0.739	1.89	2.24	3.63	3.15	2.18	0.189	0.145	0.106A	0.082A	12
13	0.288	0.374	0.788	1.87	2.28	3.70	3.17	2.15	0.180	0.149	0.075A	0.082A	13
14	0.284	0.375	0.771	1.86	2.44	3.65	3.23	2.14	0.176	0.148	0.075A	0.082A	14
15	0.283	0.339	0.785	1.81	2.55	3.67	3.19	2.12	0.176	0.150	0.060A	0.082A	15
16	0.281	0.358	0.803	1.81	2.61	3.72	3.22	2.08	0.180	0.153	0.082A	0.082A	16
17	0.281	0.366	0.805	1.79	2.61	3.75	3.18	2.08	0.177	0.155	0.114A	0.082A	17
18	0.283	0.357	0.814	1.77	2.64	3.74	3.22	2.06	0.181	0.157	0.114A	0.089A	18
19	0.287	0.362	0.817	1.75	2.71	3.88	3.23	2.04	0.213	0.158	0.098A	0.075	19
20	0.290	0.430	0.801	1.79	2.73	3.90	3.18	2.01	0.192	0.156	0.090A	0.041	20
21	0.307	0.445	0.775	1.81	2.83	3.83	3.15	1.96	0.203	0.186	0.090A	0.071	21
22	0.309	0.462	0.777	1.83	2.84	3.68	3.12	1.94	0.167	0.302	0.070A	0.077	22
23	0.317	0.475	0.793	1.87	2.87	3.64	3.01	1.93	0.132	0.312A	0.106A	0.079	23
24	0.324	0.499	0.773	1.91	2.93	3.69	3.04	1.94	0.127	0.305A	0.093A	0.076	24
25	0.327	0.552	1.22	1.90	3.07	3.64	2.98	1.91	0.127	0.305A	0.093A	0.076	25
26	0.335	0.573	1.97	1.88	3.17	3.61	2.93	1.84	0.125	0.323A	0.098A	0.079	26
27	0.341	0.574	1.98	1.91	3.25	3.65	2.93	1.07	0.126	0.323A	0.098A	0.080	27
28	0.339	0.581	2.03	1.92	3.35	3.64	2.91	0.578	0.139	0.323A	0.098A	0.083	28
29	0.361		2.00	1.90	3.36	3.60	2.88	0.490	0.125	0.258A	0.090A	0.083	29
30	0.369		1.98	1.90	3.46	3.57	2.85	0.495	0.128	1.30 A	0.082A	0.083	30
31	0.365		1.96		3.65		2.75	0.485		1.30 A		0.081	31
TOTAL	9.381	11.115	30.375	56.40	79.90	110.50	98.50	61.048	7.627	8.223	7.802	2.302	TOTAL
MEAN	0.303	0.397	0.980	1.88	2.58	3.68	3.18	1.97	0.254	0.265	0.260	0.074	MEAN
MAX	0.369	0.581	2.03	1.96	3.65	3.90	3.61	2.72	0.495	1.30	1.30	0.090	MAX
MIN	0.267	0.313	0.540	1.75	1.89	3.57	2.75	0.485	0.125	0.128	0.060	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 3.90 ON JUN 20
MINIMUM DAILY, 0.008A ON DEC 2
MAXIMUM INSTANTANEOUS,
4.39 AT 15:08 PST ON JUN 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 18 N
LONG 119 15 55 W
DRAINAGE AREA, 572 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	811	JUL	8 510
FEB	960	AUG	5 270
MAR	2 620	SEP	659
APR	4 870	OCT	710
MAY	6 900	NOV	674
JUN	9 550	DEC	199

TOTAL DISCHARGE, 41 700 dam³

VERNON CREEK AT OUTLET OF SWALWELL LAKE - STATION NO. 08NM022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.088	0.348	0.294	0.204	0.193	1.83	0.889	0.821	1.35	0.195	0.195	0.192	1
2	0.116	0.348	0.294	0.198	0.201	2.10	0.881	0.827	1.33	0.194	0.198	0.188	2
3	0.195	0.345	0.297	0.198	0.204	2.04	0.889	0.830	1.33	0.188	0.197	0.188	3
4	0.210	0.348	0.297	0.190	0.518	1.69	0.889	0.835	1.08	0.183	0.201	0.189	4
5	0.218	0.351	0.292	0.190	1.40	1.48	0.878	0.838	0.926	0.183	0.198	0.184	5
6	0.221	0.348	0.294	0.190	1.96	1.33	0.881	0.847	0.906	0.184	0.196	0.185	6
7	0.218	0.340	0.292	0.184	2.24	1.22	0.861	0.940	0.912	0.181	0.193	0.188	7
8	0.218	0.348	0.286	0.184	2.32	1.19	0.835	1.01	0.903	0.185	0.193	0.187	8
9	0.212	0.351	0.286	0.181	2.41	1.25	0.838	1.02	0.898	0.187	0.194	0.185	9
10	0.207	0.328	0.292	0.181	2.45	1.28	0.835	1.02	0.895	0.186	0.196	0.154	10
11	0.207	0.314	0.280	0.181	2.49	1.25	0.847	1.01	0.883	0.188	0.196	0.132	11
12	0.210	0.317	0.269	0.181	2.57	1.18	0.850	1.04	0.895	0.193	0.194	0.132	12
13	0.215	0.323	0.269	0.181	2.56	1.20	0.850	1.09	0.892	0.196	0.197	0.135	13
14	0.215	0.331	0.275	0.181	2.59	1.21	0.852	1.08	0.736	0.196	0.193	0.142	14
15	0.244	0.317	0.272	0.184	2.92	1.17	0.847	1.08	0.640	0.195	0.196	0.142	15
16	0.280	0.309	0.263	0.178	3.00	1.15	0.850	1.08	0.643	0.196	0.198	0.142	16
17	0.309	0.303	0.263	0.181	2.92	1.10	0.847	1.11	0.561	0.195	0.195	0.142	17
18	0.388	0.297	0.261	0.184	2.86	1.09	0.847	1.12	0.513	0.195	0.198	0.140	18
19	0.396	0.294	0.249	0.184	2.79	1.14	0.855	1.23	0.521	0.196	0.198	0.138	19
20	0.428	0.297	0.235	0.184	2.68	1.11	0.858	1.37	0.515	0.194	0.195	0.140	20
21	0.439	0.300	0.235	0.181	2.86	1.06	0.858	1.37	0.510	0.191	0.192	0.140	21
22	0.411	0.297	0.235	0.181	3.00	1.03	0.861	1.36	0.513	0.189	0.194	0.141	22
23	0.391	0.292	0.232	0.178	2.83	1.01	0.869	1.39	0.515	0.188	0.195	0.139	23
24	0.382	0.300	0.227	0.184	2.59	0.968	0.875	1.38	0.396	0.188	0.197	0.136	24
25	0.379	0.292	0.227	0.181	2.63	0.929	0.861	1.38	0.337	0.191	0.193	0.136	25
26	0.377	0.292	0.215	0.178	2.94	0.889	0.844	1.37	0.334	0.193	0.198	0.136	26
27	0.377	0.294	0.207	0.181	2.67	0.881	0.824	1.37	0.326	0.193	0.193	0.136	27
28	0.385	0.289	0.204	0.181	2.37	0.886	0.816	1.38	0.323	0.194	0.191	0.135	28
29	0.374		0.204	0.187	2.10	0.889	0.813	1.37	0.296	0.193	0.194	0.139	29
30	0.365		0.204	0.190	1.83	0.886	0.807	1.36	0.204A	0.191	0.193	0.137	30
31	0.354		0.198		1.74		0.810	1.35		0.195		0.139	31
TOTAL	9.029	8.913	7.948	5.541	68.836	36.438	26.417	35.278	21.033	5.916	5.861	4.739	TOTAL
MEAN	0.291	0.318	0.256	0.185	2.22	1.21	0.852	1.14	0.701	0.191	0.195	0.153	MEAN
MAX	0.439	0.351	0.297	0.204	3.00	2.10	0.889	1.39	1.35	0.196	0.201	0.192	MAX
MIN	0.088	0.289	0.198	0.178	0.193	0.881	0.807	0.821	0.204	0.181	0.191	0.132	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.646
MAXIMUM DAILY, 3.00 ON MAY 16
MINIMUM DAILY, 0.088 ON JAN 1
MAXIMUM INSTANTANEOUS,
3.03 AT 04:03 PST ON MAY 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W
DRAINAGE AREA, 62.4 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	780	JUL	2 280
FEB	770	AUG	3 050
MAR	687	SEP	1 820
APR	479	OCT	511
MAY	5 950	NOV	506
JUN	3 150	DEC	409

TOTAL DISCHARGE, 20 400 dam³

VERNON CREEK NEAR THE MOUTH - STATION NO. 08NM160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.798	0.690	0.955	2.27	2.62	5.23	4.88	3.85	0.940E	0.573	0.579	0.538	1
2	0.786	0.682	0.953	2.26	2.68	5.32	4.77	3.81	0.930E	0.538	0.395	0.576	2
3	0.768	0.674	1.01	2.28	2.74	5.32	4.71	3.73	0.880E	0.434	0.274	0.453	3
4	0.744	0.666	1.45	2.25	2.93	5.33	4.60	3.68	0.920E	0.428	0.189A	0.446	4
5	0.686	0.662	1.11	2.28	2.92	5.33	4.54	3.62	0.940E	0.412	0.215E	0.523	5
6	0.517	0.643	1.05	2.27	2.92	5.33	4.54	3.57	0.930E	0.585	0.240E	0.360	6
7	0.513	0.654	1.05	2.25	2.98	5.24	4.80	3.52	0.950E	0.618	0.233E	0.359	7
8	0.598	0.652	1.04	2.24	2.96	5.35	4.50	3.49	0.950E	0.483	0.230E	0.367	8
9	0.765	0.638	1.07	2.23	3.02	5.33	4.42	3.42	0.960A	0.631	0.228E	0.379	9
10	0.755	0.628	1.07	2.23	3.08	5.33	4.71	3.35	0.594	0.464	0.205E	0.359	10
11	0.734	0.638	1.09	2.28	3.09	5.25	4.48	3.33	0.586	0.455	0.216E	0.374	11
12	0.734	0.667	1.10	2.21	3.16	5.23	4.43	3.25	0.566	0.445	0.238E	0.374	12
13	0.732	0.704	1.09	2.18	3.24	5.43	4.73	3.19	0.546	0.447	0.228E	0.383	13
14	0.716	0.807	1.08	2.16	3.38	5.24	4.49	3.15	0.529	0.429	0.207E	0.393	14
15	0.710	0.775	1.09	2.16	3.96	5.26	4.44	3.13 A	0.531	0.433	0.198E	0.400	15
16	0.700	1.09	1.14	2.16	3.84	5.27	4.40	3.05 E	0.521	0.435	0.220E	0.402	16
17	0.694	0.787	1.13	2.17	3.85	5.25	4.35	3.03 E	0.516	0.436	0.230E	0.414	17
18	0.691	0.752	1.11	2.14	3.91	5.44	4.36	3.00 E	0.526	0.435	0.240E	0.417	18
19	0.679	0.856	1.10	2.13	4.05	5.35	4.38	2.92 E	0.867	0.437	0.275E	0.431	19
20	0.664	0.786	1.09	2.13	4.15	5.26	4.34	2.88 E	0.545	0.434	0.430A	0.440	20
21	0.665	0.788	1.08	2.09	4.59	5.25	4.26	2.85 E	0.684	0.465	0.553	0.451	21
22	0.705	0.798	1.07	2.20	4.52	5.29	4.21	2.80 E	0.528	0.581	0.441	0.490	22
23	0.741	0.823	1.09	2.35	4.76	5.25	4.29	2.79 E	0.487	0.585	0.447	0.501	23
24	0.727	0.902	1.08	2.48	4.84	5.21	4.25	2.81 E	0.471	0.563	0.428	0.516	24
25	0.684	1.32	1.37	2.44	5.30E	5.15	4.12	2.75 E	0.486	0.554	0.378	0.526	25
26	0.701	0.987	2.13	2.47	4.92	5.08	4.09	2.45 E	0.461	0.485	0.365	0.499	26
27	0.694	0.961	2.21	2.52	5.00	5.00	4.11	1.50 E	0.451	0.402	0.330	0.500	27
28	0.708	0.956	2.19	2.50	5.06	4.95	4.08	0.920E	0.563	0.528	0.313	0.515	28
29	0.757		2.35	2.56	5.08	4.89	4.03	0.920E	0.452	0.600	0.293	0.527	29
30	0.720		2.27	2.57	5.29	4.92	3.97	0.920E	0.473	0.578	0.326	0.524	30
31	0.712		2.30		5.32		3.91	0.920E		0.771		0.556	31
TOTAL	21.798	21.986	40.918	68.46	120.16	157.08	136.19	88.600	19.783	15.664	9.144	13.993	TOTAL
MEAN	0.703	0.785	1.32	2.28	3.88	5.24	4.39	2.86	0.659	0.505	0.305	0.451	MEAN
MAX	0.798	1.32	2.35	2.57	5.32	5.44	4.88	3.85	0.960	0.771	0.579	0.576	MAX
MIN	0.513	0.628	0.953	2.09	2.62	4.89	3.91	0.920	0.451	0.402	0.189	0.359	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.96
MAXIMUM DAILY, 5.44 ON JUN 18
MINIMUM DAILY, 0.189A ON NOV 4
MAXIMUM INSTANTANEOUS,
6.89E AT 13:20 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 19 N
LONG 119 18 20 W
DRAINAGE AREA, 751 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 880	JUL	11 800
FEB	1 900	AUG	7 660
MAR	3 540	SEP	1 710
APR	5 910	OCT	1 350
MAY	10 400	NOV	790
JUN	13 600	DEC	1 210

TOTAL DISCHARGE, 61 800 dam³

WANN RIVER NEAR ATLIN - STATION NO. 09AA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.29B	1.13B	1.03 B	0.816	25.5	13.5	20.9E	18.2 E	7.31A	7.15E	2.65B	1
2	1.69B	1.30B	1.12B	1.02 B	0.837	25.4	13.7	20.0E	15.0 E	7.10E	6.55E	2.68B	2
3	1.67B	1.30B	1.12B	1.01 B	0.856	24.5	13.5	20.5E	13.0 E	6.85E	6.00E	2.70B	3
4	1.66B	1.31B	1.12B	1.00 B	0.881	23.3	13.8	21.9E	12.3 E	6.50E	5.70E	2.65B	4
5	1.65B	1.32B	1.13B	0.995B	0.916	21.9	14.8	23.2E	14.5 E	6.20E	5.30E	2.60B	5
6	1.64B	1.34B	1.14B	0.990B	0.955	20.5	15.7	26.0E	20.0 E	6.00E	4.90E	2.50B	6
7	1.62B	1.36B	1.15B	0.980B	1.02	19.5	15.1	31.0E	30.0 E	5.85E	4.60E	2.43B	7
8	1.60B	1.38B	1.16B	0.960B	1.10	19.3	14.5	32.0E	42.1 E	5.60E	4.45E	2.33B	8
9	1.58B	1.37B	1.16B	0.950B	1.21	18.3	14.7	32.9E	38.2 E	5.45E	4.55E	2.25B	9
10	1.57B	1.35B	1.16B	0.930B	1.39	17.4	15.9	31.0E	35.0 E	5.30E	4.50E	2.18B	10
11	1.56B	1.35B	1.17B	0.910B	1.62	16.5	17.9	28.0E	32.0 E	5.15E	4.45E	2.14B	11
12	1.57B	1.34B	1.17B	0.900B	1.86	16.1	20.1	23.8E	30.6 E	5.10E	4.35E	2.09B	12
13	1.58B	1.32B	1.16B	0.890B	2.21	15.6	21.9	21.2E	28.8 E	5.05E	4.25E	2.05B	13
14	1.59B	1.30B	1.16B	0.870B	2.67	14.8	23.6	20.5E	26.5 E	5.10E	4.10E	2.02B	14
15	1.60B	1.25B	1.15B	0.860E	3.27	13.3	25.9	20.0E	23.5 E	5.20E	3.95B	2.05B	15
16	1.62B	1.21B	1.14B	0.850E	3.98	11.8	29.3	19.0E	21.2 E	6.40E	3.85B	2.09B	16
17	1.63B	1.20B	1.12B	0.845E	5.03	11.0	32.4	18.4E	19.5 E	9.00E	3.70B	2.12B	17
18	1.64B	1.19B	1.10B	0.840E	6.46	10.8	33.3	17.5E	17.9 E	16.5 E	3.60B	2.15B	18
19	1.65B	1.18B	1.08B	0.840E	7.98	10.8	32.2	16.6E	17.5 E	15.3 E	3.45B	2.18B	19
20	1.64B	1.17B	1.05B	0.835E	9.47	10.8	30.2	15.5E	17.1 E	13.4 E	3.33B	2.15B	20
21	1.63B	1.17B	1.03B	0.840E	10.9	10.6	28.7	18.0E	16.2 E	11.3 E	3.20B	2.11B	21
22	1.62B	1.18B	1.02B	0.840E	11.9	10.4	27.7	20.0E	15.0 E	9.50E	3.05B	2.09B	22
23	1.60B	1.19B	1.01B	0.845E	12.4	10.1	27.0	16.9E	14.0 E	8.00E	2.95B	2.06B	23
24	1.58B	1.18B	1.00B	0.850E	13.1	10.0	26.8	15.2E	12.8 E	7.30E	2.87B	2.03B	24
25	1.54B	1.17B	1.00B	0.845E	14.0	10.3	27.2	14.3E	11.9 E	6.70E	2.80B	2.00B	25
26	1.50B	1.16B	1.01B	0.835E	15.3	10.9	26.5	15.3E	11.0 E	6.20E	2.75B	2.00B	26
27	1.45B	1.15B	1.02B	0.820E	17.8	11.5	25.9	17.2E	10.1 E	7.00E	2.67B	1.99B	27
28	1.40B	1.14B	1.02B	0.800E	20.5	12.0	24.9	18.8E	9.35E	7.50E	2.60B	1.97B	28
29	1.36B		1.03B	0.783A	22.3	12.5	23.4	19.9E	8.70E	8.90E	2.56B	1.91B	29
30	1.33B		1.04B	0.811	23.0	13.2	22.1	20.7E	7.95E	8.70E	2.60B	1.84B	30
31	1.30B		1.03B		24.4		21.5A	19.8E		7.90E		1.77D	31
TOTAL	48.77	35.17	33.90	26.774	240.131	458.6	693.7	656.0	589.90	237.36	120.78	67.78	TOTAL
MEAN	1.57	1.26	1.09	0.892	7.75	15.3	22.4	21.2	19.7	7.66	4.03	2.19	MEAN
MAX	1.70	1.38	1.17	1.03	24.4	25.5	33.3	32.9	42.1	16.5	7.15	2.70	MAX
MIN	1.30	1.14	1.00	0.783	0.816	10.0	13.5	14.3	7.95	5.05	2.56	1.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.79
MAXIMUM DAILY, 42.1E ON SEP 8
MINIMUM DAILY, 0.783A ON APR 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 25 55 N
LONG 134 12 20 W
DRAINAGE AREA, 269 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 210	JUL	59 900
FEB	3 040	AUG	56 700
MAR	2 930	SEP	51 000
APR	2 310	OCT	20 500
MAY	20 700	NOV	10 400
JUN	39 600	DEC	5 860

TOTAL DISCHARGE, 277 000 dam³

WANNOCK RIVER AT OUTLET OF OWIKENO LAKE - STATION NO. 08FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	441	130	147	98.5	375	451	421	458	373	1 020A	737	126	1
2	369	119	136	98.0	370	428	432	435	378	919A	1 010A	140	2
3	316	109	132	96.5	345	447	470	426	369	704	1 210E	143	3
4	280	103	126	96.2	315	472	507	419	361	528	934A	136	4
5	260E	95.3	118	111	283	478	506	411	345	426	765	137	5
6	240E	88.6	111	118	262	506	489	432	335	371	596	138	6
7	225E	83.5	104	117	263	471	446	471	348	377	480	130	7
8	212E	78.4	98.6	116	259	420	407	528	383	383	412	124	8
9	200E	76.8	93.8	116	253	382	373	579	445	363	402	117	9
10	188E	70.1	88.3	114	246	366	353	633	498	324	369	107	10
11	177E	65.4	85.6	110	236	361	359	669	472	284	470	101	11
12	168E	64.7	84.0	105	226	348	384	673	432	249	580	97.4	12
13	161A	66.2	83.8	99.0	227	333	418	645	383	219	501	92.0	13
14	152	80.1	87.0	93.8	235	327	443	613	350	205	421	89.9	14
15	142	117	87.9	89.2	250	338	469	582	331	196	363	90.4	15
16	134	157	88.7	87.8	255	361	504	542	339	199	321	86.8	16
17	128	185	87.8	89.4	260	348	546	507	368	202	289	82.7	17
18	127	216	85.2	87.6	266	342	605	492	457	198	256	84.1	18
19	178	244	81.3	85.5	292	363	663	495	520	195	230	91.8	19
20	289	285	78.1	88.7	331	389	672	485	465	187	207	115	20
21	342	288	75.6	93.2	366	376	638	468	400	173	193	121	21
22	373	278	75.4	104	378	360	609	444	357	158	182	119	22
23	366	264	75.9	203	389	352	585	442	319	144	171	112	23
24	332	241	76.3	340	428	347	588	455	283	135	158	109	24
25	293	217	73.6	339	491	344	610	460	248	137	147	111	25
26	256	196	73.2	307	501	352	643	428	220	151	136	108	26
27	224	178	74.4	280	467	355	660	398	199	171	125	103	27
28	200	160	79.7	272	425	353	641	376	205	218	115	98.4	28
29	178		88.5	271	417	367	591	354	210	229	113	91.4	29
30	160		92.5	300	455	408	531	336	342	240	114	85.6	30
31	143		96.5		473		488	338		619		78.2	31
TOTAL	7 254	4 256.1	2 885.7	4 526.4	10 339	11 545	16 051	14 994	10 735	9 924	12 007	3 363.7	TOTAL
MEAN	234	152	93.1	151	334	385	518	484	358	320	400	109	MEAN
MAX	441	288	147	340	501	506	672	673	520	1 020	1 210	143	MAX
MIN	127	64.7	73.2	85.5	226	327	353	336	199	135	113	78.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 296
MAXIMUM DAILY, 1 210E ON NOV 3
MINIMUM DAILY, 64.7 ON FEB 12
MAXIMUM INSTANTANEOUS,
1 280 ON NOV 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 40 N
LONG 127 10 30 W
DRAINAGE AREA, 3 940 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	627 000	JUL	1 390 000
FEB	368 000	AUG	1 300 000
MAR	249 000	SEP	928 000
APR	391 000	OCT	857 000
MAY	893 000	NOV	1 040 000
JUN	997 000	DEC	291 000

TOTAL DISCHARGE, 9 330 000 dam³

WAPITI RIVER ABOVE MISTANUSK CREEK - STATION NO. 07GC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.4B	12.8B	14.9B	14.7B	43.0	209	53.5	56.9	14.5	11.3	31.7	17.0 B	1
2	14.0B	12.9B	14.7B	14.5B	47.5	191	52.2	48.5	16.3	14.2	30.1	17.1 B	2
3	13.9B	12.9B	14.4B	14.4B	44.5	169	54.7	43.3	17.6	14.2	26.5	16.7 B	3
4	13.8B	12.8B	14.2B	14.4B	43.7	156	58.2	38.8	17.7	13.2	25.8	15.2 B	4
5	13.6B	12.5B	14.2B	14.4B	45.7	138	52.0	36.4	16.7	12.6	25.0	13.0 B	5
6	13.1B	12.3B	14.3B	14.4B	50.1	123	47.5	34.3	16.1	12.5	25.2	11.5 B	6
7	12.7B	12.2B	14.4B	14.2B	62.6	110	44.6	31.8	15.3	12.2	23.8	9.80B	7
8	12.5B	12.1B	14.6B	13.8B	103	95.1	39.7	29.9	14.4	12.0	22.0	8.90B	8
9	12.5B	12.0B	15.0B	13.5B	106	88.3	35.9	28.0	14.0	11.9	22.0	8.40B	9
10	12.6B	12.1B	15.3B	13.2B	97.4	83.0	34.0	26.3	14.1	11.8	23.4	8.10B	10
11	12.6B	12.3B	15.8B	13.0B	86.0	86.0	32.8	24.9	14.5	11.7	23.8	7.70B	11
12	12.6B	12.8B	16.0B	12.9B	87.0	93.8	32.3	24.0	14.3	11.4	28.0	7.40B	12
13	12.5B	13.5B	16.2B	12.9B	101	99.0	34.8	22.8	13.5	11.1	30.8	7.25B	13
14	12.2B	14.1B	16.2B	12.9B	118	94.9	43.9	21.9	13.0	10.8	28.8	7.20B	14
15	11.8B	14.2B	16.1B	13.0B	159	92.5	43.6	21.1	12.8	11.0	26.6	7.56B	15
16	11.7B	14.3B	15.9B	13.2B	155	91.9	38.3	20.3	12.5	13.0	24.2	8.00B	16
17	11.6B	14.4B	15.6B	13.5B	161	85.0	37.6	19.2	12.0	18.0	21.2B	8.50B	17
18	11.6B	14.5B	15.0B	19.7	164	75.1	37.1	18.6	11.6	17.5	20.4B	9.10B	18
19	11.7B	14.5B	14.8B	16.5	177	69.8	38.6	18.1	11.5	16.5	20.2B	9.50B	19
20	11.9B	14.1B	14.6B	18.6	196	66.3	39.3	17.7	11.3	13.6	20.3B	9.60B	20
21	12.7B	13.9B	14.4B	20.5	218	62.4	39.3	16.9	11.1	11.5	19.4B	9.00B	21
22	14.2B	13.8B	14.4B	21.5	256	60.0	38.9	16.6	11.4	10.9	17.9B	8.70B	22
23	16.4B	13.7B	14.4B	28.2	243	57.1	44.2	15.9	11.4	10.7	17.7B	8.55B	23
24	15.3B	13.7B	14.5B	47.6	223	55.0	50.3	15.4	12.2	10.3	17.8B	8.70B	24
25	13.8B	13.9B	14.7B	41.7	220	55.9	44.6	15.1	12.7	10.5	17.6B	8.90B	25
26	13.3B	14.1B	14.9B	32.4	258	56.0	39.5	16.4	11.8	12.3	17.1B	8.70B	26
27	13.0B	14.6B	15.0B	27.8	235	55.8	36.4	17.4	11.1	12.6	17.0B	8.20B	27
28	12.8B	14.9B	15.0B	28.4	186	51.4	35.1	17.0	10.6	12.1	17.6B	7.60B	28
29	12.7B		15.0B	31.3	172	51.2	61.6	16.1	10.5	11.6	18.0B	7.20B	29
30	12.6B		15.0B	33.1	171	56.3	89.7	15.5	10.5	11.1	16.9B	6.70B	30
31	12.7B		14.9B		203		70.2	14.8		15.4		6.30B	31
TOTAL	402.8	375.9	464.4	600.2	4 432.5	2 777.8	1 400.4	759.9	397.0	389.5	676.8	296.06	TOTAL
MEAN	13.0	13.4	15.0	20.0	143	92.6	45.2	24.5	13.2	12.6	22.6	9.55	MEAN
MAX	16.4	14.9	16.2	47.6	258	209	89.7	56.9	17.7	18.0	31.7	17.1	MAX
MIN	11.6	12.0	14.2	12.9	43.0	51.2	32.3	14.8	10.5	10.3	16.9	6.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.5
MAXIMUM DAILY, 258 ON MAY 26
MINIMUM DAILY, 6.30B ON DEC 31
MAXIMUM INSTANTANEOUS,
268 AT 10:58 PST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 41 55 N
LONG 120 03 30 W
DRAINAGE AREA, 2 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 800	JUL	121 000
FEB	32 500	AUG	65 700
MAR	40 100	SEP	34 300
APR	51 900	OCT	33 700
MAY	383 000	NOV	58 500
JUN	240 000	DEC	25 600

TOTAL DISCHARGE, 1 120 000 dam³

WEST CREEK NEAR FORT LANGLEY - STATION NO. 08MH098

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.638	0.237	0.218	1.20	0.284	0.069	0.124	0.048	0.050	1.28	4.71	2.02	1
2	0.408	0.201	0.192	0.727	0.248	0.066	0.108	0.045	0.034	1.29	0.897	4.53	2
3	0.316	0.174	0.359	0.534	0.348	0.132	0.086	0.042	0.028	0.637	0.437	1.07	3
4	0.257	0.153	0.439	0.458	0.474	0.105	0.074	0.040	0.027	0.451	0.258	0.769	4
5	0.229	0.139	0.278	2.98	0.240	0.411	0.070	0.038	0.030	0.301	0.156	0.667	5
6	0.210	0.124	0.215	0.997	0.185	2.13	0.065	0.036	0.026	0.906	0.110	0.616	6
7	0.183	0.118	0.197	0.479	0.232	0.546	0.101	0.036	0.025	3.22	0.077	0.580	7
8	0.176	0.118	0.181	0.491	0.286	0.382	0.076	0.036	0.025	0.783	0.056	0.446	8
9	0.167	0.107	0.159	0.445	0.364	1.07	0.067	0.035	0.026	0.973	0.044	0.675	9
10	0.158	0.093	0.136	0.368	0.257	3.62	0.064	0.033	0.027	0.641	0.034	2.27	10
11	0.144	0.096A	0.128	0.384	0.315	2.83	0.061	0.035	0.027	0.389	0.374	1.12	11
12	0.137	0.331	0.119	0.695	0.216	0.681	0.060	0.032	0.024	0.244	3.70	0.596	12
13	0.130	1.45	0.113	0.815	0.158	0.843	0.061	0.031	0.025	0.160	0.874	0.430	13
14	0.122	1.78	0.111	0.430	0.133	0.674	0.061	0.032	0.026	0.123	1.03	0.630	14
15	0.115	2.55	0.156	0.265	0.115	0.321	0.057	0.030	0.030	0.103	1.67	0.769	15
16	0.106	3.51	0.381	0.239	0.098	0.313	0.055	0.028	0.025	0.087	1.69	0.533	16
17	0.105	2.44	0.245	0.200	0.090	0.223	0.070	0.027	0.025	0.080	0.981	0.366	17
18	0.150	2.95	0.179	0.175	0.090	0.594	0.190	0.027	0.024	0.077	2.39	0.418	18
19	0.169	1.70	0.144	0.178	0.092	1.43	0.165	0.026	0.026	0.074	0.969	1.68	19
20	0.156	0.955	0.129	0.129	0.099	0.776	0.131	0.027	0.033	0.061	0.899	0.922	20
21	0.207	1.42	0.119	0.180	0.089	0.508	0.092	0.030	0.045	0.063	1.01	0.501	21
22	0.318	0.696	0.204	3.40	0.075	0.853	0.081	0.029	0.042	0.058	3.02	0.354	22
23	0.615	0.439	0.593	1.81	0.069	0.840	0.069	0.027	0.042	0.057	1.89	0.321	23
24	0.456	0.361	0.546	1.13	0.069	0.437	0.064	0.027	0.061	0.055	0.986	0.768	24
25	0.314	0.537	0.526	0.446	0.188	0.246	0.058	0.024	0.043	0.051	0.730	0.736	25
26	0.368	0.444	0.334	0.241	0.174	0.160	0.052	0.024	0.037	0.060	0.619	0.979	26
27	0.441	0.327	0.249	0.275	0.105	0.118	0.049	0.023	0.055	0.221	0.370	0.756	27
28	0.382	0.262	0.247	1.03	0.085	0.098	0.057	0.023	0.217	1.30	0.269	0.541	28
29	0.423		1.83	0.812	0.074	0.100	0.054	0.020	0.072	1.27	0.248	0.383	29
30	0.437		2.05	0.450	0.077	0.114	0.053	0.018	0.068	0.719	0.645	0.303	30
31	0.299		3.17		0.077		0.052	0.031		2.58		0.243	31
TOTAL	8.336	23.712	13.952	21.963	5.406	20.690	2.427	0.960	1.245	18.314	31.143	26.992	TOTAL
MEAN	0.269	0.847	0.450	0.732	0.174	0.690	0.078	0.031	0.042	0.591	1.04	0.871	MEAN
MAX	0.638	3.51	3.17	3.40	0.474	3.62	0.190	0.048	0.217	3.22	4.71	4.53	MAX
MIN	0.105	0.093	0.111	0.129	0.069	0.066	0.049	0.018	0.024	0.051	0.034	0.243	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.480
MAXIMUM DAILY, 4.71 ON NOV 1
MINIMUM DAILY, 0.018 ON AUG 30
MAXIMUM INSTANTANEOUS,
10.0 AT 04:59 PST ON NOV 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 122 31 48 W
DRAINAGE AREA, 11.4 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	720	JUL	210
FEB	2 050	AUG	82.9
MAR	1 210	SEP	108
APR	1 900	OCT	1 580
MAY	467	NOV	2 690
JUN	1 790	DEC	2 330

TOTAL DISCHARGE, 15 100 dam³

WEST KETTLE RIVER AT WESTBRIDGE - STATION NO. 08NN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	10.5	75.0	55.3	27.4	10.1	6.73	---	---	---	1
2	---	---	---	10.5	81.3	53.8	28.7	10.8	7.16	---	---	---	2
3	---	---	---	9.87	70.1	53.8	25.6	11.5	5.61	---	---	---	3
4	---	---	---	10.8	60.3	52.3	25.5	10.3	4.09	---	---	---	4
5	---	---	---	12.2	52.3	47.6	23.4	12.9	5.80	---	---	---	5
6	---	---	---	10.1	47.6	57.5	22.5	9.74	3.38	---	---	---	6
7	---	---	---	9.61	42.5	49.6	23.7	8.88	2.00	---	---	---	7
8	---	---	---	12.0	41.9	45.9	22.5	9.00	1.80	---	---	---	8
9	---	---	---	10.5	30.4	47.3	22.0	8.16	2.27	---	---	---	9
10	---	---	---	9.49	48.5	59.1	23.7	9.12	1.80	---	---	---	10
11	---	---	---	10.5	47.6	56.3	25.5	8.16	1.14	---	---	---	11
12	---	---	---	9.24	49.3	59.4	44.5	7.39	4.69	---	---	---	12
13	---	---	---	9.74	53.8	60.9	44.5	7.16	1.33	---	---	---	13
14	---	---	---	8.88	57.5	60.9	23.7	6.95	1.36	---	---	---	14
15	---	---	---	10.6	76.0	73.7	25.5	6.30	1.25	---	---	---	15
16	---	---	---	10.8	103	68.5	25.5	5.70	1.10 E	---	---	---	16
17	---	---	---	10.9	96.3	59.1	44.5	5.80	0.951	---	---	---	17
18	---	---	---	13.1	106	47.3	25.6	5.32	1.36	---	---	---	18
19	---	---	---	17.7	87.7	44.2	22.0	6.84	1.48	---	---	---	19
20	---	---	---	22.7	92.8	49.9	28.2	6.52	1.33	---	---	---	20
21	---	---	---	22.5	110	53.5	23.5	7.16	8.42	---	---	---	21
22	---	---	---	27.8	91.8	50.8	23.0	6.30	3.69	---	---	---	22
23	---	---	---	33.2	91.8	47.3	22.0	6.73	2.89	---	---	---	23
24	---	---	---	53.8	84.3	45.9	22.2	7.06	5.80	---	---	---	24
25	---	---	---	61.2	93.9	31.0	22.3E	6.30	4.86	---	---	---	25
26	---	---	---	52.6	92.5	25.8	22.5	6.20	4.25	---	---	---	26
27	---	---	---	49.0	91.8	25.6	23.5	5.70	4.42	---	---	---	27
28	---	---	---	49.0	75.7	24.7	22.7	5.32	3.24	---	---	---	28
29	---		---	45.3	98.8	23.9	13.1	4.77	2.69 E	---	---	---	29
30	---		---	52.9	80.3	23.9	13.7	5.13	2.49 E	---	---	---	30
31	---		9.63		75.7		12.8	5.80		---		---	31
TOTAL	---	---	---	677.03	2 302.5	1 454.8	775.8	233.11	95.381	---	---	---	TOTAL
MEAN	---	---	---	22.6	74.3	48.5	25.0	7.52	3.18	---	---	---	MEAN
MAX	---	---	---	61.2	110	73.7	44.5	12.9	7.16	---	---	---	MAX
MIN	---	---	---	8.88	30.4	23.9	12.8	4.77	0.951	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 110 ON MAY 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 12 N
LONG 118 58 28 W
DRAINAGE AREA, 1 870 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67 000
FEB	---	AUG	20 100
MAR	---	SEP	8 240
APR	58 500	OCT	---
MAY	199 000	NOV	---
JUN	126 000	DEC	---

WEST KETTLE RIVER BELOW CARMI CREEK - STATION NO. 08NN022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.22B	1.67B	1.98B	5.35	66.3	47.6	30.6	9.60	2.94	3.75	10.0	4.48	1
2	2.17B	1.57B	2.00B	5.24	59.5	45.0	21.7	8.67	5.15	5.09	11.3	4.85	2
3	2.08B	1.49B	2.02B	5.13	46.2	41.6	18.4	10.5	4.08	5.09	10.5	3.33	3
4	2.10B	1.43B	2.04B	4.76	40.2	42.2	17.1	11.5	3.37	4.15	9.38	5.66	4
5	2.17B	1.44B	2.02B	4.93	34.8	36.8	15.8	8.92	3.11	3.79	7.75	7.19	5
6	2.11B	1.44B	2.01B	4.93	31.1	53.5	14.6	7.87	2.83	5.18	6.86	5.29	6
7	2.10B	1.42B	2.01B	4.73	28.1	41.1	19.0	7.05	2.57	14.4	6.50	4.60	7
8	2.11B	1.29B	2.08B	4.53	27.3	35.7	22.5	6.37	2.39	12.3	6.07	4.61	8
9	2.02B	1.16B	2.21B	4.50	29.4	44.2	22.9	5.89	2.15	10.1	5.89	4.61	9
10	1.90B	1.09B	2.41B	4.30	32.0	55.2	23.9	5.38	1.82	8.84	5.54	4.27	10
11	1.78B	1.13B	2.56B	4.42	33.1	55.8	29.2	4.81	1.79	7.60	5.48	2.61B	11
12	1.67B	1.37B	2.80B	4.13	37.1	43.6	20.6	4.39	1.70	6.81	6.72	2.41B	12
13	1.61B	1.68B	3.20B	3.96	39.4	45.9	19.9	4.05	1.63	6.10	6.75	2.51B	13
14	1.60B	1.84B	3.57B	4.02	40.5	43.0	20.3	3.82	1.53	5.70	6.35	2.52B	14
15	1.54B	1.95B	3.54B	4.59	51.5	39.1	23.1	3.79	1.46	5.52	6.06	2.52B	15
16	1.51B	2.05B	3.48B	5.78	47.0	38.2	21.5	3.68	1.41	5.57	5.75	2.51B	16
17	1.54B	2.12B	3.45B	6.65	47.6	33.1	18.9	5.13	1.36	5.64	5.32	2.44B	17
18	1.67B	2.17B	3.43B	8.10	55.8	29.7	19.0	4.59	1.29	5.47	5.27	2.42B	18
19	1.88B	2.15B	3.45B	10.1	69.1	35.4	19.5	3.88	1.45	5.21	5.17	2.63B	19
20	2.04B	2.14B	3.51B	13.2	79.6	37.1	23.4	3.74	3.06	5.04	5.04	2.55B	20
21	2.41B	2.12B	3.54B	18.9	113	30.6	19.4	4.25	2.63	4.09	4.96	2.39B	21
22	2.58B	2.10B	3.51B	16.8	88.1	28.6	16.6	3.82	2.61	3.88	5.04	2.28B	22
23	2.52B	2.07B	3.60B	20.8	79.0	29.4	14.3	3.28	2.66	4.05	4.77	2.35B	23
24	2.36B	2.07B	3.5A	40.2	75.3	25.8	19.7	3.00	2.69	3.89	4.41	2.48B	24
25	2.28B	2.08B	3.6B	42.5	96.8	25.3	20.4	2.72	2.62	4.22	3.60	2.42B	25
26	2.14B	2.07B	3.8B	37.7	103	26.3	15.5	2.49	2.56	4.25	4.09	2.32B	26
27	2.04B	2.02B	4.0B	34.5	72.2	24.1	13.2	2.32	2.43	4.88	3.17	2.34B	27
28	1.95B	2.00B	4.30	30.9	62.3	20.7	11.5	2.19	2.67A	7.36	2.80	2.38B	28
29	1.83B		4.79	29.7	57.2	18.9	10.9	2.15	3.50	11.4	4.20	2.25B	29
30	1.84B		5.24	41.3	63.1	19.2	11.2	2.68	3.87	8.89	4.16	2.02B	30
31	1.78B		5.21		61.7		10.0	2.86		7.73		1.78B	31
TOTAL	61.55	49.13	99.14	422.65	1 767.3	1 092.7	594.6	155.39	75.33	195.99	178.90	99.02	TOTAL
MEAN	1.99	1.75	3.20	14.1	57.0	36.4	19.2	5.01	2.51	6.32	5.96	3.19	MEAN
MAX	2.58	2.17	5.24	42.5	113	55.8	30.6	11.5	5.15	14.4	11.3	7.19	MAX
MIN	1.51	1.09	1.98	3.96	27.3	18.9	10.0	2.15	1.29	3.75	2.80	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 113 ON MAY 21
MINIMUM DAILY, 1.09B ON FEB 10
MAXIMUM INSTANTANEOUS,
150 AT 23:34 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 03 N
LONG 119 06 30 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 320	JUL	51 400
FEB	4 240	AUG	13 400
MAR	8 570	SEP	6 510
APR	36 500	OCT	16 900
MAY	153 000	NOV	15 500
JUN	94 400	DEC	8 560

TOTAL DISCHARGE, 414 000 dam³

WEST KETTLE RIVER NEAR MCCULLOCH - STATION NO. 08NN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.490B	0.578B	0.566B	0.731	12.7	20.0	18.2	3.65	1.39	1.51	4.69	2.31	1
2	0.476B	0.538B	0.561B	0.722	11.8	19.9	10.4	3.23	2.36	2.59	4.65	2.38	2
3	0.464B	0.527B	0.589B	0.702	9.40	18.7	8.98	4.42	1.58	2.07	4.27	2.74	3
4	0.518B	0.530B	0.609B	0.677	7.50	19.4	8.33	4.30	1.27	1.75	3.72	4.05	4
5	0.532B	0.532B	0.592B	0.677	6.03	17.6	7.42	3.43	1.15	1.59	3.18	3.91	5
6	0.507B	0.538B	0.572B	0.688	5.30	26.8	6.54	3.03	1.00	3.26	2.88	3.25	6
7	0.510B	0.555B	0.566B	0.671	4.98	18.0	8.10	2.66	0.861	8.61A	2.72	3.34	7
8	0.518B	0.515B	0.575B	0.640	5.18	15.0	9.23	2.42	0.756	5.19	2.54	3.19	8
9	0.527B	0.442B	0.609B	0.634	6.12	20.6	9.66	2.24	0.699	4.14	2.37	3.32	9
10	0.569B	0.433B	0.648B	0.626	6.80	25.3	12.6	2.00	0.657	3.51	2.29	1.71	10
11	0.584B	0.481B	0.654B	0.606	7.39	21.6	14.2	1.82	0.612	3.08	2.32	1.39 B	11
12	0.493B	0.572B	0.665B	0.580	9.68	16.3	9.06	1.64	0.575	2.76	3.06	1.13 B	12
13	0.490B	0.651B	0.691B	0.592	9.80	18.4	10.6	1.50	0.549	2.50	2.67	1.01 B	13
14	0.484B	0.691B	0.699B	0.575	10.8	16.3	15.6	1.37	0.532	2.37	2.50	0.991B	14
15	0.479B	0.705B	0.674B	0.648	14.1	15.3	10.3	1.56	0.507	2.35	2.31	1.02 B	15
16	0.462B	0.702B	0.646B	0.889	12.6	16.8	9.03	1.38	0.487	2.37	2.22	1.03 B	16
17	0.464B	0.697B	0.631B	0.983	13.5	13.9	7.70	2.06	0.459	2.44	2.06	1.01 B	17
18	0.510B	0.668B	0.626B	1.19	17.4	11.8	7.84	1.54	0.430	2.28	2.05	1.05 B	18
19	0.583B	0.651B	0.617B	1.46	22.5	14.0	8.18	1.27	0.867	2.35	1.94	1.08 B	19
20	0.606B	0.657B	0.620B	1.78	25.7	15.6	10.7	1.36	1.51	2.16	1.84	1.06 B	20
21	0.680B	0.660B	0.643B	1.83	34.5	12.5	7.82	1.66	1.14	1.74	1.84	1.01 B	21
22	0.750B	0.663B	0.637B	2.01	28.6	11.7	6.29	1.28	1.24	1.82	1.77	0.929B	22
23	0.748B	0.657B	0.626B	2.60	28.3	12.3	5.52	1.10	1.15	1.83	1.65	0.889B	23
24	0.714B	0.643B	0.631B	4.81	29.4	10.8	8.86	0.963	1.10	1.87	1.52	0.949B	24
25	0.688B	0.637B	0.663	5.10	39.1	11.8	7.67	0.858	1.10	1.98	1.30	0.940B	25
26	0.660B	0.634B	0.680	4.70	35.4	13.1	5.58	0.770	1.01	2.19	1.40	0.875B	26
27	0.640B	0.631b	0.694	4.36	26.0	11.4	4.62	0.705	0.966	2.48	1.09	0.850B	27
28	0.623B	0.609B	0.699	3.94	23.4	9.20	4.13	0.671	1.39	4.07	1.43	0.920B	28
29	0.629B		0.719	3.94	22.9	8.89	3.99	0.691	1.51	4.31	1.89	0.878B	29
30	0.637B		0.739	7.05	27.9	9.43	4.22	1.04	1.63	3.44	2.03	0.807B	30
31	0.595B		0.728		26.5		3.62	0.929		3.40		0.750B	31
TOTAL	17.590	16.797	19.869	56.411	541.28	472.42	264.99	57.547	30.487	88.01	72.20	50.768	TOTAL
MEAN	0.567	0.600	0.641	1.88	17.5	15.7	8.55	1.86	1.02	2.84	2.41	1.64	MEAN
MAX	0.750	0.705	0.739	7.05	39.1	26.8	18.2	4.42	2.36	8.61	4.69	4.05	MAX
MIN	0.462	0.433	0.561	0.575	4.98	8.89	3.62	0.671	0.430	1.51	1.09	0.750	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.63
MAXIMUM DAILY, 39.1 ON MAY 25
MINIMUM DAILY, 0.430 ON SEP 18
MAXIMUM INSTANTANEOUS,
55.2 AT 19:52 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 15 N
LONG 119 05 31 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 520	JUL	22 900
FEB	1 450	AUG	4 970
MAR	1 720	SEP	2 630
APR	4 870	OCT	7 600
MAY	46 800	NOV	6 240
JUN	40 800	DEC	4 390

TOTAL DISCHARGE, 146 000 dam³

WEST ROAD RIVER NEAR CINEMA - STATION NO. 08KG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5B	12.0 B	15.5B	21.0B	36.2	89.2	45.8	30.7	12.1	12.3	14.2	11.7B	1
2	19.5B	11.5 B	15.3B	21.1B	37.0	85.4	44.3	31.2	12.3	12.1	14.7	11.8B	2
3	17.5B	11.1 B	14.9B	21.2B	38.5	80.8	42.8	29.6	12.3	12.0	15.3	11.9B	3
4	17.0B	10.8 B	14.6B	21.1B	38.2	76.5	40.6	27.9	12.1	11.8	16.2	12.2B	4
5	16.2B	10.4 B	14.4B	21.0B	37.6	73.3	38.3	25.9	12.3	11.6	16.3	13.2B	5
6	15.7B	10.2 B	14.2B	21.0B	37.6	70.8	36.4	24.9	12.6	11.3	16.0	13.6B	6
7	15.3B	10.0 B	14.0B	20.9B	36.7	66.3	34.8	23.7	12.3	11.4	16.3	13.7B	7
8	15.0B	9.80B	13.8B	20.8B	35.9	61.8	33.5	22.6	12.1	11.7	16.1	13.8B	8
9	14.8B	9.60B	13.8B	20.6B	36.1	59.6	32.4	21.8	11.9	11.6	15.9	13.7B	9
10	14.4B	9.50B	13.7B	20.3B	35.7	58.8	31.1	21.2	11.4	12.1	15.7	13.5B	10
11	14.1B	9.30B	13.8B	19.8B	35.4	58.9	29.6	20.2	10.7	12.1	15.9	13.4B	11
12	13.9B	9.30B	13.8B	19.8B	34.5	60.6	28.7	19.7	10.6	11.9	16.0	13.3B	12
13	13.8B	9.40B	13.9B	20.0B	34.6	62.2	28.1	19.0	10.2	12.0	15.6	13.2B	13
14	13.9B	9.70B	14.0B	20.4B	35.3	62.8	27.3	18.0	10.1	12.0	15.8	13.0B	14
15	14.2B	10.2 B	14.2B	20.6	35.3	61.8	27.0	17.4	10.1	12.4	15.5	12.8B	15
16	14.8B	11.0 B	14.3B	21.7	35.9	61.6	26.8	16.8	9.87	12.7	15.9	12.7B	16
17	15.7B	11.8 B	14.8B	22.6	37.1	59.6	26.1	16.1	9.64	13.5	16.2	12.6B	17
18	16.5B	12.6 B	15.3B	23.4	38.4	58.9	24.9	15.4	9.51	13.5	15.0	12.7B	18
19	17.2B	13.5 B	15.4B	24.5	39.7	58.4	24.7	15.0	9.81	13.9	15.2	12.6B	19
20	17.4B	15.0 B	15.6B	26.2	41.0	58.5	24.8	14.6	9.95	13.6	15.9	12.6B	20
21	17.5B	16.5 B	15.4B	28.8	43.0	59.0	25.9	14.1	9.79	13.4	15.8	12.6B	21
22	17.5B	17.7 B	15.3B	31.2	46.7	59.9	27.3	13.3	9.82	12.8	16.0	12.5B	22
23	17.4B	18.3 B	15.3B	33.4	51.0	60.3	27.3	13.4	11.4	12.3	15.0B	12.3B	23
24	17.2B	18.5 B	15.3B	36.6	55.7	59.9	26.3	13.1	12.7	12.8	13.3B	12.1B	24
25	16.8B	18.2 B	15.6B	40.4	58.9	61.7	25.9	13.5	13.1	13.0	12.9B	12.0B	25
26	16.3B	17.7 B	16.0B	40.9	66.4	61.2	26.9	13.3	13.1	12.8	12.9B	12.0B	26
27	15.8B	17.0 B	16.5B	38.7	76.8	57.9	26.5	13.2	13.2	12.9	13.1B	11.9B	27
28	14.9B	16.3 B	17.0B	37.1	86.6	54.2	25.8	12.9	12.9	13.7	13.0B	11.8B	28
29	14.0B		18.0B	36.0	92.0	50.9	25.2	12.8	12.4	14.6	12.0B	11.8B	29
30	13.3B		19.5B	35.3	93.9	47.7	25.4	12.2	12.6	14.6	11.6B	11.7B	30
31	12.6B		20.5B		92.5		28.8A	12.0		14.4		11.6B	31
TOTAL	491.7	356.90	473.7	786.4	1 500.2	1 897.7	939.3	575.5	342.89	392.8	449.3	390.3	TOTAL
MEAN	15.9	12.7	15.3	26.2	48.4	63.3	30.3	18.6	11.4	12.7	15.0	12.6	MEAN
MAX	21.5	18.5	20.5	40.9	93.9	89.2	45.8	31.2	13.2	14.6	16.3	13.8	MAX
MIN	12.6	9.30	13.7	19.8	34.5	47.7	24.7	12.0	9.51	11.3	11.6	11.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.6
MAXIMUM DAILY, 93.9 ON MAY 30
MINIMUM DAILY, 9.30B ON FEB 11
MAXIMUM INSTANTANEOUS,
94.1 AT 02:35 PST ON MAY 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 40 N
LONG 122 53 15 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	42 500	JUL	81 200
FEB	30 800	AUG	49 700
MAR	40 900	SEP	29 600
APR	67 900	OCT	33 900
MAY	130 000	NOV	38 800
JUN	164 000	DEC	33 700

TOTAL DISCHARGE, 743 000 dam³

WHIPSAW CREEK BELOW LAMONT CREEK - STATION NO. 08NL036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800E	0.580B	0.523E	0.855E	3.49	3.67	1.33	0.550E	0.240E	0.151	0.235	0.160B	1
2	0.750E	0.530B	0.519E	0.845E	3.02	3.71	1.25	0.500E	0.270E	0.197	0.232	0.180B	2
3	0.700E	0.480B	0.510E	0.835E	2.59	3.34	1.16	0.475E	0.216	0.194	0.213	0.145B	3
4	0.680E	0.440B	0.505E	0.820E	2.36	3.14	1.08	0.450E	0.213	0.173	0.202	0.130B	4
5	0.635E	0.395B	0.480E	0.805E	2.17	3.01	1.02	0.420E	0.210	0.174	0.176	0.250B	5
6	0.600E	0.360B	0.450E	0.800E	2.09	3.05	0.967	0.390E	0.202	0.216	0.170B	0.213B	6
7	0.580E	0.330B	0.460E	0.795E	2.02	2.61	0.931	0.370E	0.193	0.257	0.175B	0.188B	7
8	0.560E	0.300B	0.450E	0.790E	1.95	2.38	0.905	0.350E	0.185	0.264	0.180	0.181B	8
9	0.550E	0.270B	0.430E	0.775E	2.09	2.32	0.871	0.320E	0.168	0.236	0.174	0.188B	9
10	0.545E	0.250B	0.410E	0.770E	2.12	2.20	1.03	0.300E	0.166	0.226	0.175	0.188B	10
11	0.535E	0.260B	0.435E	0.760E	2.17	2.13	0.963	0.290E	0.156	0.212	0.169	0.160B	11
12	0.520E	0.310B	0.460E	0.750E	2.22	2.02	0.902	0.270E	0.152	0.207	0.203	0.140B	12
13	0.460E	0.360B	0.500E	0.740E	2.45	2.05	0.942	0.300E	0.145	0.195	0.214	0.128B	13
14	0.400E	0.420B	0.540E	0.730E	2.71	2.07	0.970	0.280E	0.141	0.194	0.198	0.110B	14
15	0.350B	0.480B	0.590E	0.760E	3.08	1.95	1.30 E	0.265E	0.139	0.203	0.201	0.269	15
16	0.400B	0.570B	0.640E	0.840E	2.83	1.89	1.10 E	0.250E	0.135	0.205	0.205	0.210B	16
17	0.460B	0.660B	0.700E	0.940E	2.88	1.81	1.50 E	0.240E	0.129	0.210	0.189	0.150B	17
18	0.560B	0.760B	0.700E	1.05 E	3.19	1.87	1.08 E	0.230E	0.125	0.203	0.191	0.190B	18
19	0.690B	0.658	0.690E	1.17 E	3.98	2.03	0.980E	0.225E	0.159	0.183	0.178	0.250B	19
20	0.675B	0.624	0.685E	1.30 E	4.87	1.94	0.900E	0.225E	0.170	0.170	0.166	0.220B	20
21	0.655B	0.619	0.675E	1.42 E	5.22	1.82	0.840E	0.225E	0.165	0.154	0.176	0.200B	21
22	0.635B	0.606	0.665E	1.57 E	4.74	1.76	0.800E	0.210E	0.160	0.154	0.173	0.180B	22
23	0.620B	0.601	0.660E	1.80 E	5.00	1.75	0.800E	0.185E	0.165	0.163	0.161	0.160B	23
24	0.600B	0.590	0.660E	1.20 E	5.54	1.67	0.900E	0.175E	0.165	0.159	0.118	0.140B	24
25	0.660B	0.569	0.670E	1.75 E	7.15	1.60	0.840E	0.170E	0.182	0.160	0.147	0.140B	25
26	0.650B	0.543	0.700E	1.30 E	6.12	1.56	0.780E	0.170E	0.195	0.170	0.182	0.135B	26
27	0.650B	0.535	0.750E	1.00 E	5.03	1.51	0.740E	0.165E	0.190	0.179	0.161	0.130B	27
28	0.630B	0.532A	0.800E	1.30 E	4.54	1.45	0.690E	0.150E	0.180	0.194	0.147	0.126B	28
29	0.600B		0.840E	1.70 E	4.58	1.41	0.640E	0.160E	0.166	0.216	0.120B	0.123B	29
30	0.600B		0.860E	2.37 A	4.82	1.37	0.600E	0.190E	0.165	0.207	0.195B	0.120B	30
31	0.600B		0.860E		4.18		0.580E	0.190E		0.206		0.118B	31
TOTAL	18.350	13.632	18.817	32.540	111.20	65.09	29.391	8.690	5.247	6.032	5.426	5.222	TOTAL
MEAN	0.592	0.487	0.607	1.08	3.59	2.17	0.948	0.280	0.175	0.195	0.181	0.168	MEAN
MAX	0.800	0.760	0.860	2.37	7.15	3.71	1.50	0.550	0.270	0.264	0.235	0.269	MAX
MIN	0.350	0.250	0.410	0.730	1.95	1.37	0.580	0.150	0.125	0.151	0.118	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.876
MAXIMUM DAILY, 7.15 ON MAY 25
MINIMUM DAILY, 0.110B ON DEC 14
MAXIMUM INSTANTANEOUS,
8.61 AT 16:50 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 09 N
LONG 120 34 11 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 590	JUL	2 580
FEB	1 180	AUG	751
MAR	1 630	SEP	453
APR	2 810	OCT	521
MAY	9 610	NOV	469
JUN	5 620	DEC	451

TOTAL DISCHARGE, 27 600 dam³

WHITEMAN CREEK ABOVE BOULEAU CREEK - STATION NO. 08NM174

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.255B	0.148B	0.194	0.244	2.58	2.25	0.819	0.622	0.199	0.182	0.341	0.192B	1
2	0.247B	0.147B	0.195	0.230	2.42	1.96	0.662	0.581	0.321	0.242	0.358	0.197B	2
3	0.240B	0.142B	0.194	0.218	1.96	1.84	0.547A	0.485	0.245	0.231	0.347	0.186B	3
4	0.235	0.139B	0.199	0.207	1.79	1.82	0.489E	0.518	0.247	0.208	0.316	0.182B	4
5	0.224	0.131B	0.185	0.210	1.56	1.64	0.476E	0.454	0.233	0.192	0.293	0.185B	5
6	0.221	0.125B	0.176	0.208	1.44	1.51	0.421E	0.422	0.200	0.226	0.275	0.189B	6
7	0.216	0.120B	0.183	0.203	1.38	1.37	0.756A	0.382	0.172	0.473	0.256	0.188B	7
8	0.209	0.110B	0.186	0.199A	1.41	1.34	0.931	0.370	0.156	0.415	0.257	0.179B	8
9	0.200B	0.098B	0.182	0.196E	1.70	1.59	0.778	0.344	0.143	0.384	0.253	0.172B	9
10	0.193B	0.091B	0.178	0.193E	1.93	1.59	0.715	0.295	0.129	0.331	0.246	0.167B	10
11	0.185B	0.084B	0.173	0.190E	2.05	1.70	0.667	0.249	0.119	0.297	0.249	0.168B	11
12	0.180B	0.094B	0.170	0.187E	2.09	1.48	0.607	0.239	0.123	0.269	0.335	0.171B	12
13	0.183B	0.097B	0.172	0.185A	2.37	1.50	0.619	0.237	0.109	0.251	0.327	0.170B	13
14	0.175B	0.099B	0.178	0.179	2.69	1.48	0.666	0.230	0.094	0.241	0.328	0.170B	14
15	0.160B	0.103B	0.190	0.190	3.16	1.35	0.614	0.253	0.088	0.229	0.324	0.168B	15
16	0.165B	0.105B	0.221	0.222	3.30	1.32	0.597	0.227	0.080	0.215	0.312	0.165B	16
17	0.170B	0.115B	0.217	0.245	3.36	1.18	0.592	0.198	0.082	0.220	0.298	0.160B	17
18	0.172B	0.121B	0.206	0.276	3.78	1.20	0.645	0.193	0.084	0.208	0.284	0.163B	18
19	0.164B	0.128B	0.201	0.331	4.89	1.61	0.610	0.178	0.116	0.202	0.282	0.165B	19
20	0.157B	0.140B	0.198	0.431	4.41	1.57	0.581	0.172	0.153	0.189	0.284	0.157B	20
21	0.155B	0.153	0.194	0.472	4.76	1.36	0.530	0.186	0.148	0.179	0.309	0.153B	21
22	0.160B	0.154	0.200	0.512	4.32	1.28	0.481	0.175	0.138	0.172	0.301	0.151B	22
23	0.188B	0.154	0.199	0.725	3.92	1.23	0.463	0.158	0.132	0.166	0.286	0.148B	23
24	0.209B	0.169	0.194	1.11	3.79	1.12	0.763	0.140	0.153	0.173	0.265	0.147B	24
25	0.189B	0.203	0.206	1.01	4.05	1.03	0.748	0.118	0.151	0.185	0.239	0.148B	25
26	0.180B	0.207	0.215	0.889	4.30	0.958	0.609	0.122	0.160	0.188	0.220B	0.144B	26
27	0.170B	0.200	0.217	0.853	3.53	0.879	0.521	0.122	0.170	0.197	0.210B	0.141B	27
28	0.162B	0.198	0.223	0.896	3.02	0.820	0.467	0.120	0.174	0.279	0.200B	0.137B	28
29	0.155B		0.239	1.04	2.57	0.790	0.491	0.139	0.177	0.365	0.193B	0.133B	29
30	0.151B		0.241	1.54	2.50	0.794	0.601	0.151	0.173	0.324	0.190B	0.134B	30
31	0.149B		0.246		2.42		0.578	0.151		0.303		0.137B	31
TOTAL	5.819	3.775	6.172	13.591	89.45	41.561	19.044	8.231	4.669	7.736	8.376	5.063	TOTAL
MEAN	0.188	0.135	0.199	0.453	2.89	1.39	0.614	0.266	0.156	0.250	0.279	0.163	MEAN
MAX	0.255	0.207	0.246	1.54	4.89	2.25	0.931	0.622	0.321	0.473	0.358	0.197	MAX
MIN	0.149	0.084	0.170	0.179	1.38	0.790	0.421	0.118	0.080	0.166	0.190	0.133	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.585
MAXIMUM DAILY, 4.89 ON MAY 19
MINIMUM DAILY, 0.080 ON SEP 16
MAXIMUM INSTANTANEOUS,
6.69 AT 11:45 PST ON MAY 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 44 N
LONG 119 32 28 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	503	JUL	1 650
FEB	326	AUG	711
MAR	533	SEP	403
APR	1 170	OCT	668
MAY	7 730	NOV	724
JUN	3 590	DEC	437

TOTAL DISCHARGE, 18 400 dam³

WILLIAMS LAKE NEAR WILLIAMS LAKE - STATION NO. 08NC023

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.322	1.350	1.272	1.208	1.153	1.227	1.309	1.274	1.058	0.978	1.014	1.023	1
2	1.326	1.345	1.270	1.207	1.151	1.229	1.310	1.270	1.056	0.979	1.022	1.018	2
3	1.327	1.341	1.272	1.210	1.149	1.229	1.311	1.268	1.052	0.981	1.023	1.016	3
4	1.326	1.338	1.271	1.211	1.146	1.227	1.308	1.270	1.051	0.982	1.021	1.016	4
5	1.324	1.338	1.267	1.207	1.146	1.222	1.308	1.267	1.049	0.986	1.025	1.011	5
6	1.326	1.337	1.264	1.209	1.144	1.207	1.300	1.262	1.046	0.985	1.024	1.005	6
7	1.325	1.336	1.263	1.209	1.142	1.201	1.298	1.259	1.042	0.985	1.025	0.998	7
8	1.324	1.333A	1.259	1.207	1.141	1.195	1.298	1.256	1.038	0.986	1.028	1.000	8
9	1.323	1.315E	1.253	1.207	1.143	1.190	1.292	1.250	1.032	0.990	1.029	1.002	9
10	1.322	1.300E	1.250	1.205	1.142	1.193	1.289	1.244	1.026	0.994	1.031	1.003	10
11	1.321	1.285E	1.247	1.198	1.144	1.198	1.288	1.233	1.022	0.996	1.034	1.002	11
12	1.320	1.275E	1.244	1.196	1.149	1.202	1.282	1.223	1.020	0.996	1.032	1.000	12
13	1.319	1.270E	1.245	1.193	1.151	1.203	1.276	1.216	1.017	0.995	1.035	0.998	13
14	1.317	1.265E	1.244	1.189	1.152	1.207	1.275	1.203	1.014	0.997	1.038	0.996	14
15	1.314	1.264E	1.245	1.182	1.151	1.208	1.274	1.195	1.009	1.001	1.043	0.995	15
16	1.311	1.273A	1.248	1.180	1.155	1.208	1.272	1.185	1.006	1.000	1.045	0.992	16
17	1.308	1.268	1.248	1.174	1.158	1.209	1.272	1.175	1.004	1.000	1.046	0.992	17
18	1.310	1.276	1.251	1.172	1.156	1.213	1.276	1.163	0.999	1.002	1.048	0.991	18
19	1.315	1.286	1.252	1.169	1.157	1.223	1.277	1.149	0.996	1.001	1.050	0.990	19
20	1.323	1.291	1.255	1.167	1.158	1.233	1.278	1.138	0.993	1.000	1.050	0.989	20
21	1.339	1.294	1.255	1.165	1.162	1.242	1.277	1.129	0.989	0.998	1.045	0.986	21
22	1.364	1.293	1.260	1.166	1.170	1.257	1.278	1.120	0.984	0.997	1.043	0.985	22
23	1.380	1.291	1.252	1.165	1.175	1.279	1.279	1.112	0.984	0.997	1.041	0.985	23
24	1.378	1.288	1.239	1.162	1.179	1.296	1.283	1.101	0.983	0.997	1.038	0.985	24
25	1.381	1.286	1.229	1.161	1.189	1.304	1.283	1.089	0.980	1.001	1.035	0.986	25
26	1.380	1.284	1.222	1.160	1.202	1.308	1.282	1.081	0.979	1.003	1.030	0.985	26
27	1.381	1.280	1.218	1.161	1.204	1.310	1.284	1.077	0.978	1.007	1.029	0.983	27
28	1.381	1.275	1.213	1.158	1.209	1.311	1.282	1.069	0.975	1.007	1.027	0.983	28
29	1.375		1.210	1.157	1.214	1.311	1.278	1.066	0.973	1.008	1.023	0.981	29
30	1.367		1.209	1.156	1.213	1.310	1.273	1.067	0.981	1.014	1.026	0.980	30
31	1.360		1.206		1.221		1.274	1.063		1.011		0.981	31
MEAN	1.338	1.299	1.246	1.184	1.165	1.238	1.286	1.177	1.011	0.996	1.033	0.995	MEAN
MAX	1.381	1.350	1.272	1.211	1.221	1.311	1.311	1.274	1.058	1.014	1.050	1.023	MAX
MIN	1.308	1.264	1.206	1.156	1.141	1.190	1.272	1.063	0.973	0.978	1.014	0.980	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.164
MAXIMUM DAILY, 1.381 ON JAN 25
MINIMUM DAILY, 0.973 ON SEP 29
MAXIMUM INSTANTANEOUS,
1.383 AT 14:00 PST ON JAN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 18 N
LONG 122 06 55 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 565.660 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WILLIAMS LAKE RIVER AT OUTLET OF WILLIAMS LAKE - STATION NO. 08NC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.31	2.30	1.52	2.22	1.55	2.19	2.53	1.74	1.00	0.040	0.063	0.290	1
2	1.34	2.25	1.51	2.23	1.43	2.21	2.41	1.69	0.982	0.039	0.055	0.290	2
3	1.37	2.20	1.50	2.22	1.40	2.38	2.32	1.70	0.995	0.025	0.059	0.308	3
4	1.36	2.18	1.48	2.24	1.35	2.76	2.29	1.67	0.955	0.020	0.055	0.318	4
5	1.35	2.13	1.45	2.19	1.38	3.16	2.23	1.66	0.926	0.021	0.054	0.317	5
6	1.37	2.00	1.47	2.16	1.39	3.03	2.07	1.67	0.890	0.023	0.055	0.300	6
7	1.34	1.98	1.54	2.18	1.40	2.97	2.00	1.66	0.823	0.022	0.059	0.291	7
8	1.38	1.95	1.64	2.14	1.48	2.95	2.05	1.63	0.809	0.019	0.057	0.310A	8
9	1.32	1.80	1.62	2.12	1.48	2.87	2.00	1.62	0.774	0.031	0.054	0.341	9
10	1.32	1.68	1.60	2.08	1.49	2.91	1.87	1.58	0.635	0.029	0.054	0.340	10
11	1.30	1.57	1.57	2.06	1.52	3.00	1.79	1.60	0.440	0.022	0.061	0.336	11
12	1.31	1.48	1.53	1.99	1.50	3.01	1.75	1.57	0.395	0.011	0.059	0.322	12
13	1.32	1.39	1.53	1.97	1.50	2.87	1.67	1.59	0.396	0.010	0.059	0.324	13
14	1.34	1.39	1.50	1.97	1.51	2.70	1.61	1.57	0.310	0.010	0.060	0.321	14
15	1.32	1.37	1.45	1.92	1.46	2.69	1.59	1.56	0.299	0.010	0.053	0.312	15
16	1.32	1.40	1.45	1.89	1.52	2.59	1.50	1.55	0.275A	0.010	0.064	0.411	16
17	1.31	1.43	1.43	1.87	1.53	2.59	1.56	1.54	0.262	0.010	0.068	0.326	17
18	1.31	1.47	1.43	1.82	1.54	2.50	1.55	1.49	0.196	0.009	0.068	0.327	18
19	1.35	1.51	1.45	1.73	1.53	2.57	1.74	1.50	0.180	0.009	0.257	0.319	19
20	1.42	1.55	1.45	1.66	1.54	2.62	1.70	1.47	0.114	0.010	0.394	0.286	20
21	1.51	1.54	1.45	1.65	1.56	2.73	1.72	1.40	0.080	0.010	0.390	0.254	21
22	1.70	1.62	1.87	1.68	1.58	2.78	1.70	1.35	0.081	0.010	0.359	0.231	22
23	2.02	1.61	2.57	1.65	1.56	2.92	1.67	1.31	0.081	0.010	0.352	0.198	23
24	2.52	1.58	2.49	1.62	1.63	3.04	1.68	1.26	0.051	0.015	0.345	0.190	24
25	2.63	1.55	2.48	1.61	1.79	2.82	1.67	1.15	0.035	0.020	0.341	0.188	25
26	2.52	1.54	2.39	1.63	1.98	2.73	1.66	1.02	0.028	0.022	0.323	0.139	26
27	2.54	1.54	2.36	1.63	2.05	2.68	1.68	0.993	0.035	0.023	0.317	0.213	27
28	2.50	1.55	2.35	1.61	2.21	2.64	1.70	0.973	0.030	0.042	0.310	0.245B	28
29	2.41		2.23	1.58	2.24	2.62	1.73	0.996	0.029	0.037	0.308	0.248B	29
30	2.38		2.23	1.58	2.20	2.57	1.75	1.00	0.051	0.038	0.305	0.252B	30
31	2.36		2.24		2.18		1.74	1.02		0.051		0.257B	31
TOTAL	51.81	47.56	54.78	56.90	50.48	82.10	56.93	44.532	12.157	0.658	5.058	8.804	TOTAL
MEAN	1.67	1.70	1.77	1.90	1.63	2.74	1.84	1.44	0.405	0.021	0.169	0.284	MEAN
MAX	2.63	2.30	2.57	2.24	2.24	3.16	2.53	1.74	1.00	0.051	0.394	0.411	MAX
MIN	1.30	1.37	1.43	1.58	1.35	2.19	1.50	0.973	0.028	0.009	0.053	0.139	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 3.16 ON JUN 5
MINIMUM DAILY, 0.009 ON OCT 18
MAXIMUM INSTANTANEOUS,
3.29 AT 08:36 PST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 21 N
LONG 122 08 31 W
DRAINAGE AREA, 2 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 480	JUL	4 920
FEB	4 110	AUG	3 850
MAR	4 730	SEP	1 050
APR	4 920	OCT	56.9
MAY	4 360	NOV	437
JUN	7 090	DEC	761

TOTAL DISCHARGE, 40 800 dam³

WILLISTON LAKE AT INGENIKA POINT - STATION NO. 07EA006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.491	34.241	33.076	30.956	29.545E	35.700	40.581	42.076	42.132	41.311	40.016	38.467	1
2	34.491	34.210	33.021	30.888	29.610E	36.043	40.690	42.081	42.147	41.259	39.936	38.347	2
3	34.486	34.170	32.957	30.815	29.670E	36.378	40.766	42.058	42.152	41.223	39.917	38.280	3
4	34.480	34.129	32.885	30.764	29.725E	36.643	40.868	42.057	42.142	41.182	39.933	38.207	4
5	34.476	34.077	32.809	30.695	29.780E	36.907	40.968	42.060	42.136	41.134	39.916	38.149	5
6	34.473	34.038	32.732	30.624	29.836	37.154	40.986	42.044	42.122	41.112	39.770	38.087	6
7	34.469	33.988	32.670	30.556	29.900	37.346	41.111	42.058	42.108	41.080	39.713	38.030E	7
8	34.458	33.962	32.605	30.484	29.977	37.534	41.176	42.080	42.079	41.045	39.682	37.955E	8
9	34.449	33.897	32.530	30.408	30.061	37.700	41.245	42.093	42.073	40.969	39.633	37.900E	9
10	34.444	33.831	32.462	30.347	30.159	37.859	41.313	42.093	42.055	40.903	39.595	37.850E	10
11	34.435	33.774	32.389	30.267	30.258	37.996	41.363	42.098	42.010	40.883	39.587	37.785E	11
12	34.427	33.714	32.325	30.200	30.358	38.136	41.415	42.056	41.976	40.848	39.503	37.740E	12
13	34.423	33.659	32.256	30.140	30.459	38.284	41.469	42.096	41.947	40.807	39.445	37.700E	13
14	34.418	33.625	32.182	30.073	30.571	38.427	41.535	42.097	41.943	40.771	39.397	37.635E	14
15	34.413	33.571	32.118	30.008	30.688	38.589	41.621	42.103	41.925	40.742	39.381	37.570E	15
16	34.397	33.515	32.042	29.943	30.833	38.729	41.676	42.113	41.868	40.665	39.319	37.495E	16
17	34.387	33.470	31.969	29.870	30.967	38.887	41.725	42.108	41.849	40.648	39.241	37.410E	17
18	34.385	33.428	31.904	29.785E	31.116	39.029	41.788	42.105	41.829	40.598	39.239	37.360E	18
19	34.389	33.397	31.847	29.710E	31.279	39.169	41.873	42.107	41.804	40.529	39.204	37.300E	19
20	34.386	33.401	31.784	29.645E	31.479	39.279	41.895	42.106	41.783	40.493	39.138	37.240E	20
21	34.393	33.396	31.703	29.595E	31.705	39.407	41.903	42.098	41.733	40.457	39.088	37.175E	21
22	34.393	33.364	31.619	29.530E	31.996	39.531	41.933	42.078	41.709	40.419	39.026	37.095E	22
23	34.382	33.323	31.541	29.485E	32.317	39.648	41.987	41.999	41.672	40.361	38.957	37.075E	23
24	34.373	33.303	31.477	29.455E	32.648	39.767	42.029	41.992	41.603	40.326	38.904	37.040E	24
25	34.363	33.269	31.407	29.425E	32.967	39.890	42.038	42.046	41.575	40.306	38.830	36.995E	25
26	34.353	33.241	31.335	29.405E	33.360	40.018	42.040	42.055	41.540	40.290	38.752	36.970E	26
27	34.351	33.186	31.272	29.395E	33.808	40.134	42.046	42.057	41.493	40.209	38.725	36.930E	27
28	34.328	33.133	31.216	29.405E	34.243	40.276	42.044	42.067	41.473	40.181	38.729	36.880E	28
29	34.309		31.138	29.440E	34.623	40.383	42.066	42.090	41.430	40.145	38.566	36.850E	29
30	34.289		31.081	29.485E	34.973	40.468	42.095	42.128	41.493	40.184	38.549	36.745E	30
31	34.267		31.012		35.334		42.088	42.154		40.067		36.645E	31
MEAN	34.406	33.654	32.044	30.027	31.427	38.510	41.559	42.079	41.860	40.682	39.323	37.513	MEAN
MAX	34.491	34.241	33.076	30.956	35.334	40.468	42.095	42.154	42.152	41.311	40.016	38.467	MAX
MIN	34.267	33.133	31.012	29.395	29.545	35.700	40.581	41.992	41.430	40.067	38.549	36.645	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 36.945
MAXIMUM DAILY, 42.154 ON AUG 31
MINIMUM DAILY, 29.395E ON APR 27
MAXIMUM INSTANTANEOUS,
42.214 AT 19:32 PST ON AUG 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 47 19 N
LONG 124 52 27 W

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLISTON LAKE AT LOST CABIN CREEK - STATION NO. 07EF002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.516	34.251	33.060	30.923	29.549	35.684	40.548	42.042	42.124	41.337	40.035	38.448	1
2	34.507	34.211	33.001	30.852	29.612	36.015	40.648	42.028	42.136	41.295	40.001	38.386	2
3	34.491	34.168	32.939	30.793	29.681	36.331	40.751	42.013	42.138	41.257	39.959	38.315	3
4	34.490	34.127	32.868	30.728	29.737	36.627	40.847	42.009	42.127	41.212	39.900	38.248	4
5	34.491	34.081	32.799	30.669	29.781	36.880	40.944	42.008	42.104	41.173	39.837	38.179	5
6	34.484	34.041	32.732	30.603	29.828	37.103	41.028	42.017	42.083	41.136	39.805	38.121	6
7	34.470	33.986	32.660	30.533	29.883	37.323	41.094	42.032	42.068	41.099	39.755	38.056	7
8	34.452	33.946	32.583	30.469	29.944	37.519	41.157	42.046	42.051	41.058	39.708	37.992	8
9	34.438	33.897	32.509	30.407	30.037	37.681	41.211	42.059	42.027	41.021	39.658	37.952	9
10	34.435	33.825	32.436	30.343	30.135	37.838	41.264	42.067	42.012	40.977	39.608	37.888	10
11	34.430	33.763	32.370	30.271	30.233	37.986	41.318	42.074	41.998	40.925	39.563	37.835	11
12	34.431	33.702	32.303	30.195	30.341	38.131	41.365	42.077	41.975	40.867	39.526	37.786	12
13	34.430	33.639	32.237	30.124	30.446	38.272	41.434	42.076	41.949	40.821	39.492	37.733	13
14	34.426	33.580	32.169	30.057	30.548	38.412	41.519	42.072	41.927	40.771	39.450	37.660	14
15	34.415	33.534	32.100	29.986	30.663	38.560	41.587	42.073	41.901	40.730	39.403	37.590	15
16	34.408	33.480	32.022	29.927	30.811	38.716	41.637	42.087	41.879	40.686	39.353	37.512	16
17	34.401	33.428	31.948	29.868	30.954	38.854	41.680	42.090	41.858	40.644	39.311	37.440	17
18	34.395	33.384	31.882	29.812	31.096	38.986	41.745	42.084	41.821	40.607	39.250	37.379	18
19	34.380	33.373	31.817	29.743	31.269	39.114	41.810	42.075	41.801	40.562	39.190	37.313	19
20	34.380	33.360	31.744	29.675	31.468	39.249	41.857	42.059	41.781	40.518	39.137	37.255	20
21	34.368	33.345	31.669	29.620	31.689	39.377	41.896	42.043	41.751	40.471	39.084	37.196	21
22	34.362	33.332	31.593	29.574	31.955	39.508	41.917	42.036	41.711	40.422	39.044	37.140	22
23	34.358	33.313	31.523	29.519	32.285	39.633	41.940	42.051	41.670	40.376	38.990	37.095	23
24	34.358	33.290	31.448	29.485	32.621	39.758	41.972	42.044	41.624	40.337	38.914	37.049	24
25	34.358	33.259	31.378	29.454	32.945	39.890	41.989	42.023	41.585	40.307	38.856	37.008	25
26	34.359	33.228	31.304	29.440	33.334	40.010	42.008	42.028	41.543	40.286	38.796	36.975	26
27	34.348	33.180	31.230	29.410	33.778	40.131	42.019	42.036	41.498	40.211	38.721	36.924	27
28	34.336	33.118	31.167	29.413	34.214	40.238	42.031	42.050	41.453	40.190	38.647	36.861	28
29	34.321		31.100	29.456	34.611	40.342	42.040	42.075	41.409	40.145	38.589	36.793	29
30	34.296		31.039	29.499	34.972	40.453	42.053	42.102	41.349	40.093	38.511	36.724	30
31	34.277		30.985		35.334		42.047	42.113		40.080		36.658	31
MEAN	34.407	33.637	32.020	30.028	31.411	38.487	41.527	42.054	41.845	40.696	39.336	37.532	MEAN
MAX	34.516	34.251	33.060	30.923	35.334	40.453	42.053	42.113	42.138	41.337	40.035	38.448	MAX
MIN	34.277	33.118	30.985	29.410	29.549	35.684	40.548	42.008	41.349	40.080	38.511	36.658	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 36.937
MAXIMUM DAILY, 42.138 ON SEP 3
MINIMUM DAILY, 29.410 ON APR 27
MAXIMUM INSTANTANEOUS,
42.148 AT 09:08 PST ON SEP 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 59 N
LONG 123 44 44 W

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLISTON LAKE AT NATION ARM - STATION NO. 07ED002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.508	34.313	33.141	30.985	29.585	35.739	40.611	42.098	42.167	41.363	40.094	38.466	1
2	34.500	34.276	33.074	30.917	29.638	36.062	40.700	42.075	42.172	41.325	40.080	38.429	2
3	34.496	34.230	33.012	30.857	29.709	36.370	40.815	42.067	42.176	41.297	40.017	38.345	3
4	34.490	34.192	32.945	30.789	29.773	36.664	40.913	42.067	42.166	41.245	39.920	38.286	4
5	34.483	34.144	32.870	30.719	29.820	36.929	41.002	42.067	42.126	41.219	39.854	38.233	5
6	34.476	34.104	32.805	30.655	29.864	37.133	41.094	42.090	42.121	41.186	39.859	38.146	6
7	34.466	34.048	32.738	30.596	29.929	37.361	41.157	42.108	42.111	41.143	39.814	38.090	7
8	34.460	34.019	32.654	30.538	29.997	37.582	41.217	42.130	42.103	41.107	39.740	38.011	8
9	34.436	33.957	32.582	30.475	30.083	37.760	41.285	42.141	42.072	41.056	39.698	37.973	9
10	34.426	33.889	32.512	30.402	30.175	37.917	41.348	42.149	42.054	41.026	39.659	37.896	10
11	34.431	33.835	32.443	30.337	30.280	38.058	41.428	42.157	42.030	40.961	39.599	37.835	11
12	34.424	33.782	32.369	30.255	30.390	38.198	41.498	42.182	42.010	40.895	39.562	37.796	12
13	34.423	33.714	32.295	30.164	30.506	38.346	41.557	42.154	42.000	40.855	39.532	37.751	13
14	34.426	33.649	32.227	30.092	30.629	38.488	41.613	42.146	41.966	40.808	39.508	37.670	14
15	34.416	33.601	32.161	30.049	30.744	38.623	41.667	42.156	41.948	40.759	39.444	37.601	15
16	34.410	33.565	32.096	29.984	30.854	38.780	41.719	42.161	41.931	40.741	39.399	37.530	16
17	34.396	33.513	32.037	29.903	30.999	38.912	41.767	42.163	41.929	40.679	39.354	37.459	17
18	34.386	33.455	31.967	29.846	31.148	39.039	41.828	42.163	41.886	40.647	39.273	37.390	18
19	34.385	33.458	31.898	29.771	31.335	39.158	41.867	42.143	41.855	40.617	39.212	37.341	19
20	34.394	33.435	31.822	29.718	31.521	39.295	41.934	42.109	41.829	40.566	39.155	37.287	20
21	34.392	33.418	31.749	29.656	31.740	39.430	41.972	42.083	41.807	40.510	39.107	37.213	21
22	34.377	33.410	31.679	29.593	31.999	39.562	41.998	42.091	41.756	40.467	39.074	37.144	22
23	34.372	33.405	31.606	29.552	32.328	39.683	42.023	42.130	41.707	40.432	39.020	37.128	23
24	34.364	33.388	31.531	29.507	32.659	39.818	42.053	42.142	41.669	40.398	38.953	37.083	24
25	34.374	33.354	31.460	29.479	33.020	39.955	42.058	42.100	41.613	40.360	38.880	37.030	25
26	34.366	33.318	31.372	29.464	33.389	40.084	42.088	42.085	41.577	40.298	38.824	37.010	26
27	34.360	33.267	31.298	29.439	33.838	40.199	42.096	42.070	41.537	40.275	38.717	36.975	27
28	34.372	33.200	31.231	29.443	34.269	40.302	42.101	42.077	41.479	40.245	38.616	36.929	28
29	34.389		31.178	29.490	34.656	40.402	42.111	42.136	41.430	40.201	38.616	36.844	29
30	34.350		31.120	29.536	35.031	40.523	42.115	42.142	41.309	40.112	38.519	36.761	30
31	34.332		31.059		35.397		42.093	42.145		40.133		36.682	31
MEAN	34.415	33.712	32.095	30.074	31.461	38.546	41.604	42.120	41.885	40.740	39.370	37.559	MEAN
MAX	34.508	34.313	33.141	30.985	35.397	40.523	42.115	42.182	42.176	41.363	40.094	38.466	MAX
MIN	34.332	33.200	31.059	29.439	29.585	35.739	40.611	42.067	41.309	40.112	38.519	36.682	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 36.986
MAXIMUM DAILY, 42.182 ON AUG 12
MINIMUM DAILY, 29.439 ON APR 27
MAXIMUM INSTANTANEOUS,
42.224 AT 12:00 PST ON SEP 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 30 14 N
LONG 123 25 11 W

REGULATED SINCE 1967

WILLISTON LAKE NEAR SCHOOLER CREEK - STATION NO. 07EF003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.522	34.230E	33.025E	30.890E	29.544	35.713	40.574	42.064	42.100	41.327	39.992	38.436	1
2	34.521	34.200E	32.980E	30.820E	29.604	36.043	40.674	42.060	42.130	41.271	39.947	38.379	2
3	34.522	34.152E	32.895E	30.750E	29.653	36.362	40.784	42.047	42.132	41.227	39.924	38.290	3
4	34.504	34.110E	32.825E	30.680E	29.706	36.657	40.863	42.046	42.122	41.179	39.894	38.200	4
5	34.491	34.060E	32.770E	30.605E	29.751	36.884	40.955	42.050	42.115	41.115	39.860	38.118	5
6	34.484	34.010E	32.700E	30.535E	29.805	37.134	41.055	42.072	42.096	41.054	39.802	38.092	6
7	34.467	33.966E	32.600E	30.470E	29.851	37.352	41.132	42.071	42.088	41.026	39.729	38.014	7
8	34.459	33.910E	32.535E	30.420E	29.898	37.529	41.198	42.089	42.084	40.985	39.688	37.959	8
9	34.453	33.860E	32.460E	30.380A	30.014	37.693	41.248	42.112	42.061	40.964	39.644	37.867	9
10	34.432	33.800E	32.405E	30.291	30.135	37.843	41.298	42.105	42.035	40.930	39.586	37.818	10
11	34.377	33.740E	32.330E	30.212	30.233	38.000	41.351	42.109	42.031	40.879	39.539	37.804	11
12	34.410	33.680E	32.255E	30.141	30.336	38.137	41.414	42.111	41.989	40.869	39.528	37.738	12
13	34.420	33.615E	32.190E	30.100	30.415	38.277	41.455	42.098	41.957	40.834	39.454	37.663	13
14	34.429	33.550E	32.120E	30.034	30.494	38.442	41.526	42.111	41.914	40.789	39.371	37.591	14
15	34.407	33.500E	32.050E	29.934	30.622	38.577	41.597	42.114	41.910	40.717	39.326	37.590	15
16	34.402	33.455E	31.970E	29.903	30.781	38.708	41.654	42.116	41.890	40.679	39.268	37.508	16
17	34.385	33.405E	31.900E	29.863	30.938	38.864	41.715	42.123	41.847	40.619	39.237	37.422	17
18	34.376	33.363E	31.825E	29.792	31.090	38.974	41.775	42.096	41.818	40.602	39.172	37.353	18
19	34.377	33.342E	31.755E	29.727	31.260	39.106	41.834	42.104	41.821	40.544	39.124	37.279	19
20	34.354	33.330E	31.695E	29.677	31.469	39.259	41.870	42.087	41.768	40.481	39.092	37.249	20
21	34.350A	33.315E	31.605E	29.620	31.680	39.390	41.895	42.075	41.711	40.443	39.034	37.189	21
22	34.338E	33.295E	31.540E	29.551	31.968	39.520	41.926	42.063	41.689	40.426	38.979	37.126	22
23	34.330E	33.278E	31.470E	29.503	32.282	39.661	41.934	42.052	41.664	40.383	38.944	37.080	23
24	34.330E	33.260E	31.400E	29.488	32.610	39.781	41.974	42.034	41.609	40.330	38.900	37.017	24
25	34.330E	33.238E	31.320E	29.459	32.926	39.895	42.029	41.961	41.577	40.270	38.834	37.004	25
26	34.328E	33.205E	31.265E	29.425	33.340	40.047	42.054	41.935	41.525	40.186	38.760	36.899	26
27	34.320E	33.140E	31.190E	29.389	33.795	40.156	42.059	42.051	41.446	40.153	38.727	36.826	27
28	34.304E	33.080E	31.105E	29.418	34.238	40.260	42.048	42.064	41.432	40.137	38.631	36.769	28
29	34.292E		31.050E	29.449	34.613	40.362	42.060	42.064	41.387	40.108	38.576	36.709	29
30	34.266E		31.000E	29.479	34.992	40.471	42.086	42.094	41.310	40.050	38.482	36.650	30
31	34.246E		30.960E		35.355		42.075	42.116		40.067		36.586	31
MEAN	34.394	33.610	31.974	30.000	31.400	38.503	41.552	42.074	41.842	40.666	39.301	37.491	MEAN
MAX	34.522	34.230	33.025	30.890	35.355	40.471	42.086	42.123	42.132	41.327	39.992	38.436	MAX
MIN	34.246	33.080	30.960	29.389	29.544	35.713	40.574	41.935	41.310	40.050	38.482	36.586	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 36.922
MAXIMUM DAILY, 42.132 ON SEP 3
MINIMUM DAILY, 29.389 ON APR 27
MAXIMUM INSTANTANEOUS,
42.224 AT 12:00 PST ON SEP 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 20 N
LONG 122 43 57 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

WILLOW RIVER ABOVE HAY CREEK - STATION NO. 08KD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.0B	25.5B	16.7B	24.7B	86.7	165	44.0	23.0	7.03	8.37	14.8	9.30B	1
2	54.0B	23.5B	17.0B	25.0B	93.7	152	43.3	20.7	8.00	9.38	14.9	9.20B	2
3	52.0B	22.2B	17.3B	25.2B	89.5	143	41.0	18.3	9.06	9.79	18.7	9.10B	3
4	50.0B	21.2B	17.8B	25.7B	86.1	137	37.5	16.8	9.67	9.77	21.4	9.05B	4
5	48.0B	20.3B	18.2B	25.9B	84.6	131	35.9	15.2	9.31	9.34	19.6	9.00B	5
6	46.0B	20.0B	18.4B	25.9B	87.6	120	33.5	13.3	8.74	8.87	17.0	8.95B	6
7	44.0B	19.5B	18.7B	25.8B	87.4	109	31.4	12.4	8.73	9.09	16.0	8.90B	7
8	42.0B	19.0B	18.9B	25.7B	87.1	98.3	29.8	11.5	8.34	10.7	15.0	8.80B	8
9	40.0B	18.2B	19.0B	25.0B	90.1	89.4	28.4	11.1	7.93	9.31	14.8	8.70B	9
10	38.5B	17.8B	19.0B	24.5B	94.7	84.3	26.7	10.3	7.83	9.35	14.6	8.60B	10
11	36.5B	16.8B	19.1B	24.0B	90.0	80.6	25.3	9.74	7.81	9.27	14.6	8.55B	11
12	35.5B	16.0B	19.2B	23.5B	87.8	80.6	23.8	9.38	7.76	9.16	14.9	8.50B	12
13	34.0B	15.5B	19.3B	23.0B	87.0	75.3	23.2	8.98	7.56	9.02	14.2	8.45B	13
14	32.5B	15.0B	19.4B	22.8B	88.6	67.8	22.3	8.72	7.28	8.61	13.9	8.40B	14
15	31.5B	14.5B	19.5B	22.9B	90.5	64.0	21.4	8.53	7.32	8.13	14.1	8.40B	15
16	30.5B	14.3B	19.7B	24.0B	92.3	66.6	20.4	8.24	7.21	8.25	14.4	8.45B	16
17	30.0B	14.5B	19.9B	32.3	95.3	65.3	19.5	7.96	7.06	8.27	14.2	8.45B	17
18	30.5B	15.0B	19.9B	33.4	97.6	61.2	18.0	7.85	7.17	8.28	12.9	8.50B	18
19	33.0B	15.5B	20.0B	35.6	99.8	58.7	16.9	7.74	7.25	8.17	12.4	8.55B	19
20	37.0B	15.7B	20.0B	43.0	102	62.9	17.2	7.70	7.28	7.88	11.4	8.55B	20
21	39.0B	15.9B	20.1B	47.6	105	71.8	17.6	7.47	7.09	7.62	11.1	8.55B	21
22	40.0B	16.0B	20.2B	51.7	117	68.2	16.3	7.48	6.94	7.51	11.0	8.55B	22
23	39.0B	16.2B	20.5B	63.2	115	67.7	16.5	7.28	6.99	7.42	10.3	8.50B	23
24	37.5B	16.3B	21.0B	102	113	72.4	15.4	7.23	7.21	7.46	9.90	8.35B	24
25	36.5B	16.4B	21.5B	103	111	69.5	15.3	7.18	7.49	7.70	9.75B	8.20B	25
26	35.5B	16.4B	22.0B	87.7	129	63.9	15.1	6.99	7.63	7.73	9.70B	7.95B	26
27	34.5B	16.5B	22.5B	77.9	141	58.6	13.7	7.00	7.58	7.89	9.60B	7.80B	27
28	33.5B	16.5B	23.0B	71.6	141	55.4	13.2	6.93	7.46	8.42	9.55B	7.55B	28
29	32.5B		23.5B	72.1	129	52.1	16.2	6.83	7.33	8.89	9.50B	7.30B	29
30	30.0B		24.0B	73.5	119	48.1	21.2	6.71	7.57	9.12	9.40B	6.97B	30
31	28.5B		24.5B		163		22.9	6.85		9.75		6.90B	31
TOTAL	1 190.0	490.2	619.8	1 288.2	3 201.4	2 539.7	742.9	315.39	231.63	268.52	483.60	260.97	TOTAL
MEAN	38.4	17.5	20.0	42.9	103	84.7	24.0	10.2	7.72	8.66	13.5	8.42	MEAN
MAX	58.0	25.5	24.5	103	163	165	44.0	23.0	9.67	10.7	21.4	9.30	MAX
MIN	28.5	14.3	16.7	22.8	84.6	48.1	13.2	6.71	6.94	7.42	9.40	6.90	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 165 ON JUN 1
MINIMUM DAILY, 6.71 ON AUG 30
MAXIMUM INSTANTANEOUS,
190 AT 17:45 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 44 N
LONG 122 22 23 W
DRAINAGE AREA, 2 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	103 000	JUL	64 200
FEB	42 400	AUG	27 200
MAR	53 600	SEP	20 000
APR	111 000	OCT	23 200
MAY	277 000	NOV	34 900
JUN	219 000	DEC	22 500

TOTAL DISCHARGE, 998 000 dam³

WITCHES BROOK NEAR MERRITT - STATION NO. 08LG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005B	0.005B	0.006B	0.008E	0.365	0.905	0.069	0.507	0.003E	0.003E	0.004B	0.003B	1
2	0.005B	0.004B	0.006B	0.007E	0.533	0.844	0.110	0.434	0.003E	0.003E	0.004B	0.002B	2
3	0.005B	0.004B	0.006B	0.007E	0.575	0.847	0.158	0.339	0.003E	0.003E	0.004B	0.003B	3
4	0.005B	0.004B	0.006B	0.007E	0.558	0.652	0.119	0.271	0.002E	0.003E	0.004B	0.003B	4
5	0.004B	0.004B	0.006B	0.008E	0.528	0.517	0.065	0 238	0.002E	0.003	0.004B	0.003B	5
6	0.006B	0.004B	0.006B	0.007E	0.526	0.558	0.040	0.215	0.002E	0.003	0.003B	0.003B	6
7	0.006B	0.004B	0.006B	0.007E	0.513	0.479	0.035	0.184	0.002E	0.005	0.003B	0.003B	7
8	0.007B	0.004B	0.006B	0.007E	0.509	0.443	0.033	0.160E	0.002E	0.005	0.003B	0.002B	8
9	0.007B	0.004B	0.006B	0.007E	0.499	0.481	0.023	0.145E	0.002E	0.006	0.003B	0.003B	9
10	0.007B	0.003B	0.006B	0.007E	0.490	0.482	0.090	0.130E	0.002A	0.006	0.003B	0.003B	10
11	0.006B	0.004B	0.006B	0.015E	0.474	0.411	0.189	0.116E	0.002E	0.007	0.003B	0.002B	11
12	0.005B	0.005B	0.007B	0.020E	0.466	0.328	0.164	0.106E	0.002E	0.009	0.003B	0.002B	12
13	0.005B	0.005B	0.007B	0.022E	0.614	0.304	0.127	0.100E	0.002E	0.011	0.003B	0.002B	13
14	0.005B	0.005B	0.007B	0.022E	0.716	0.310	0.130	0.089E	0.002E	0.012	0.003B	0.002B	14
15	0.005B	0.006B	0.007B	0.021E	1.29	0.272	0.175	0.080E	0.002E	0.013	0.003B	0.002B	15
16	0.004B	0.006B	0.007B	0.022E	1.78	0.252	0.149	0.072E	0.003E	0.014	0.003B	0.002B	16
17	0.004B	0.006B	0.006B	0.022E	1.60	0.228	0.080	0.066E	0.003E	0.014	0.003B	0.002B	17
18	0.005B	0.007B	0.006B	0.035E	1.36	0.199	0.078	0.060E	0.003E	0.015	0.003B	0.002B	18
19	0.005B	0.007B	0.006B	0.050E	1.48	0.222	0.190	0.052E	0.002E	0.016	0.003B	0.003B	19
20	0.005B	0.008B	0.007B	0.065E	1.78	0.288	0.375	0.049A	0.002E	0.015	0.003B	0.002B	20
21	0.005B	0.006B	0.007B	0.060E	1.96	0.269	0.420	0.045	0.002E	0.014	0.003B	0.002B	21
22	0.006B	0.006B	0.007B	0.068E	2.28	0.240	0.359	0.036	0.002E	0.016	0.003B	0.002B	22
23	0.007B	0.006B	0.007B	0.065E	2.28	0.247	0.311	0.018	0.002E	0.017	0.002B	0.002B	23
24	0.007B	0.006B	0.007B	0.110E	2.31	0.265	0.291	0.015E	0.002E	0.017B	0.002B	0.002B	24
25	0.007B	0.006B	0.008B	0.335	2.14	0.231	0.315	0.011E	0.003E	0.010B	0.002B	0.002B	25
26	0.006B	0.006B	0.009B	0.290	2.08	0.208	0.273	0.007A	0.003E	0.007B	0.002B	0.002B	26
27	0.005B	0.006B	0.008B	0.254	2.09	0.207	0.233	0.006E	0.003E	0.004B	0.002B	0.002B	27
28	0.005B	0.006B	0.008B	0.243	1.91	0.167	0.197	0.005E	0.003E	0.004B	0.002B	0.002B	28
29	0.005B		0.008B	0.218	1.57	0.124	0.174	0.004E	0.004A	0.003B	0.002B	0.001B	29
30	0.005B		0.008B	0.232	1.19	0.095	0.275	0.004E	0.004E	0.003B	0.002B	0.001B	30
31	0.005B		0.008B		1.03		0.463	0.004E		0.004B		0.001B	31
TOTAL	0.169	0.147	0.211	2.241	37.496	11.075	5.710	3.568	0.074	0.265	0.087	0.068	TOTAL
MEAN	0.005	0.005	0.007	0.075	1.21	0.369	0.184	0.115	0.002	0.009	0.003	0.002	MEAN
MAX	0.007	0.008	0.009	0.335	2.31	0.905	0.463	0.507	0.004	0.017	0.004	0.003	MAX
MIN	0.004	0.003	0.006	0.007	0.365	0.095	0.023	0.004	0.002	0.003	0.002	0.001	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.167
MAXIMUM DAILY, 2.31 ON MAY 24
MINIMUM DAILY, 0.001B ON DEC 29
MAXIMUM INSTANTANEOUS,
2.50 AT 22:39 PST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 33 N
LONG 120 51 29 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14.6	JUL	493
FEB	12.7	AUG	308
MAR	18.2	SEP	6.39
APR	194	OCT	22.9
MAY	3 240	NOV	7.52
JUN	957	DEC	5.88

TOTAL DISCHARGE, 5 280 dam³

WOLFE CREEK AT OUTLET OF ISSITE LAKE - STATION NO. 08NL041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.175E	0.300E	0.280	0.314	0.571	2.38	1.06	0.680	0.316	0.147	0.144	0.186	1
2	0.170E	0.280E	0.275	0.319	0.562	2.21	1.03	0.670	0.314A	0.150	0.148	0.192	2
3	0.160E	0.260E	0.272	0.324	0.895	2.07	0.995	0.657	0.238A	0.144	0.154	0.188	3
4	0.154E	0.240E	0.272	0.310	1.22	1.96	0.955	0.619	0.212	0.143	0.153	0.187	4
5	0.150E	0.210E	0.265	0.310	1.26	1.83	0.905	0.619	0.199	0.144	0.152	0.204	5
6	0.148E	0.190E	0.255	0.310	1.18	1.70	0.846	0.604	0.195	0.151	0.155	0.212	6
7	0.145E	0.175E	0.257	0.301	1.06	1.62	0.831	0.601	0.196	0.149	0.151	0.212	7
8	0.140E	0.158E	0.253	0.310	1.01	1.51	0.780	0.577	0.194	0.145	0.153	0.220	8
9	0.138E	0.135E	0.250	0.312	0.976	1.46	0.758	0.580	0.194	0.151	0.149	0.236	9
10	0.138E	0.105E	0.253	0.311	0.943	1.41	0.781	0.574	0.193	0.150	0.158	0.234	10
11	0.137E	0.100E	0.255	0.309	0.963	1.39	0.800	0.563	0.192	0.148	0.162	0.235	11
12	0.134E	0.103E	0.266	0.310	0.983	1.36	0.860	0.556	0.194	0.147	0.166	0.235	12
13	0.132E	0.108E	0.273	0.295	0.997	1.35	0.897	0.542	0.187	0.143	0.162	0.233	13
14	0.128E	0.112E	0.272	0.286	1.07	1.36	0.879	0.550	0.184	0.146	0.164	0.246	14
15	0.127E	0.120E	0.268	0.284	1.24	1.54	0.857	0.541	0.181	0.142	0.172	0.257	15
16	0.150E	0.138E	0.268	0.276	1.40	1.71	0.851	0.529	0.177	0.147	0.173	0.254A	16
17	0.190E	0.150E	0.269	0.270	1.57	1.80	0.828	0.504	0.174	0.147	0.176	0.250E	17
18	0.250E	0.170E	0.265	0.272	1.70	1.77	0.807	0.486	0.172	0.155	0.179	0.250E	18
19	0.288E	0.200E	0.265	0.275	1.91	1.75	0.774	0.454	0.187	0.157	0.176	0.280E	19
20	0.300E	0.230E	0.268	0.279	2.20	1.82	0.838	0.433	0.182	0.159	0.172	0.265E	20
21	0.310E	0.260E	0.273	0.299	2.58	1.80	0.946	0.400	0.177	0.161	0.171	0.255E	21
22	0.320E	0.290E	0.291	0.321	2.92	1.72	0.958	0.379	0.173	0.161	0.175	0.249E	22
23	0.335E	0.310E	0.310	0.346	2.84	1.64	0.902	0.366	0.169	0.164	0.177	0.247E	23
24	0.344E	0.311A	0.317	0.364	2.71	1.57	0.857	0.357	0.166	0.163	0.177	0.240E	24
25	0.345E	0.313	0.325	0.392	2.77	1.57	0.800	0.344	0.157	0.161	0.183	0.235E	25
26	0.337A	0.305	0.330	0.428	3.90	1.50	0.781	0.336	0.154	0.161	0.181	0.235E	26
27	0.335E	0.295	0.322	0.451	4.70	1.41	0.778	0.327	0.149	0.159	0.176	0.220E	27
28	0.331E	0.284	0.326	0.485	3.40	1.33	0.777	0.329	0.144	0.170	0.178	0.210E	28
29	0.330E		0.324	0.517	2.89	1.20	0.752	0.335	0.144	0.149	0.188	0.200E	29
30	0.330E		0.313	0.545	2.63	1.11	0.729	0.324	0.147	0.141	0.189	0.195E	30
31	0.330E		0.316		2.51		0.700	0.314		0.143		0.189E	31
TOTAL	7.001	5.852	8.748	10.125	57.560	48.85	26.312	15.150	5.661	4.696	5.014	7.051	TOTAL
MEAN	0.226	0.209	0.282	0.338	1.86	1.63	0.849	0.489	0.189	0.151	0.167	0.227	MEAN
MAX	0.345	0.313	0.330	0.545	4.70	2.38	1.06	0.680	0.316	0.170	0.189	0.280	MAX
MIN	0.127	0.100	0.250	0.270	0.562	1.11	0.700	0.314	0.144	0.141	0.144	0.186	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.553
MAXIMUM DAILY, 4.70 ON MAY 27
MINIMUM DAILY, 0.100E ON FEB 11
MAXIMUM INSTANTANEOUS,
5.54 AT 05:00 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 40 N
LONG 120 20 48 W
DRAINAGE AREA, 215 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	605	JUL	2 270
FEB	506	AUG	1 310
MAR	756	SEP	489
APR	875	OCT	406
MAY	4 970	NOV	433
JUN	4 220	DEC	609

TOTAL DISCHARGE, 17 400 dam³

YAKOUN RIVER NEAR PORT CLEMENTS - STATION NO. 08OA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.7	19.9	17.3	22.2	25.4	9.91	8.64	1.71	7.43	96.2	46.7	120	1
2	37.9	17.7	16.4	20.1	36.8	18.5	8.39	1.75	6.63	60.8	38.2	123	2
3	28.8	16.2	20.6	20.0	37.9	15.8	8.44	1.78	5.14	42.5	26.9	63.8	3
4	25.1	14.7	16.7	40.1	23.5	18.2	7.47	1.78	4.52	34.7	37.6	65.9	4
5	22.4	13.3	14.2	104	16.7	21.2	6.50	3.14	8.02	34.0	59.2	141	5
6	38.4	12.0	14.9	55.6	13.4	34.0	6.20	4.71	16.8	116	84.7	80.3	6
7	41.2	10.9	47.4	42.7	11.6	34.1	5.75	3.73	10.3	74.1	49.1	47.2	7
8	42.2	10.1	47.3	35.9	10.4	26.9	5.31	3.20	21.8	48.6	34.7	33.1	8
9	71.7	9.47	106	40.2	11.7	19.2	4.99	2.84	60.6	34.5	28.6	24.5	9
10	95.8	8.79	102	29.1	34.9	15.5	4.58	2.59	47.2	24.4	37.8	19.1	10
11	122	8.09	54.2	22.6	23.3	13.3	4.32	2.38	77.6	18.9	96.8	15.9	11
12	71.3	7.94	36.2	30.2	16.9	13.2	4.06	2.20	44.5	15.8	90.5	13.9	12
13	58.5	9.98	26.1	36.3	16.5	13.1	3.80	2.04	29.4	13.6	85.7	12.4	13
14	68.4	69.4	21.6	87.3	14.6	11.0	3.57	1.90	25.3	11.7	56.2	11.8	14
15	51.2	106	33.6	89.2	14.8	9.54	3.28	1.79	87.7	10.7	36.9	12.8	15
16	38.3	56.7	40.4	61.0	12.7	8.79	3.14	1.76	79.3	12.0	26.4	12.8	16
17	36.9	44.8	27.0	40.6	12.0	8.05	2.94	1.73	44.1	10.4	21.0	37.5	17
18	45.8	108	20.7	28.8	12.6	7.65	2.81	1.71	35.6	15.4	18.2	44.3	18
19	86.3	122	17.1	22.5	12.3	7.74	2.61	1.69	35.2	16.0	48.0	129	19
20	52.4	128	14.8	27.9	10.7	8.47	2.40	1.66	27.5	12.9	53.6	115	20
21	114	188	13.1	35.9	10.5	9.18	2.25	1.71	24.7	10.9	50.8	59.7	21
22	112	194	11.8	34.4	14.9	10.2	2.13	4.32	18.6	9.62	53.5	41.3	22
23	92.0	92.3	12.9	33.1	14.5	9.99	2.02	4.09	15.8	9.03	74.7	42.9	23
24	55.3	56.7	14.6	23.7	19.0	9.22	1.99	3.64	13.5	8.40	51.2	54.9	24
25	38.0	39.0	29.0	19.4	20.9	8.28	1.97	3.34	11.9	8.30	37.8	62.2	25
26	64.9	28.4	20.0	16.8	20.1	8.73	1.89	3.49	10.5	10.2	28.5	54.1	26
27	99.2	23.2	16.4	18.6	17.1	7.86	1.80	4.44	29.3	9.96	21.3	38.4	27
28	89.2	20.9	42.1	21.0	13.4	7.18	1.77	4.09	71.8	9.24	19.3	27.9	28
29	49.8		44.9	17.9	11.1	8.70	1.76	3.84	37.9	10.7	34.0	21.2	29
30	33.1		29.2	24.2	10.8	10.8	1.73	3.30	62.0	16.9	33.4	17.5	30
31	24.3		28.1		9.78		1.72	3.49		61.4		15.5	31
TOTAL	1 858.1	1 436.47	956.6	1 101.3	530.78	404.29	120.23	85.84	970.64	867.85	1 381.3	1 558.9	TOTAL
MEAN	59.9	51.3	30.9	36.7	17.1	13.5	3.88	2.77	32.4	28.0	46.0	50.3	MEAN
MAX	122	194	106	104	37.9	34.1	8.64	4.71	87.7	116	96.8	141	MAX
MIN	22.4	7.94	11.8	16.8	9.78	7.18	1.72	1.66	4.52	8.30	18.2	11.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.9
MAXIMUM DAILY, 194 ON FEB 22
MINIMUM DAILY, 1.66 ON AUG 20
MAXIMUM INSTANTANEOUS,
235 AT 05:36 PST ON FEB 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 50 N
LONG 132 12 35 W
DRAINAGE AREA, 477 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	161 000	JUL	10 400
FEB	124 000	AUG	7 420
MAR	82 700	SEP	83 900
APR	95 200	OCT	75 000
MAY	45 900	NOV	119 000
JUN	34 900	DEC	135 000

TOTAL DISCHARGE, 974 000 dam³

KEBALLOS RIVER NEAR KEBALLOS - STATION NO. 08HE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.7	10.7	15.7	20.8	50.5	12.8	13.0	5.42	32.9	136	103	58.7	1
2	17.2	10.3	14.9	17.1	52.1	19.5	11.8	5.18	12.1	33.8	88.2	41.2	2
3	14.7	10.1	17.3	14.7	40.2	50.8	12.7	5.15	8.93	25.6	50.1	24.3	3
4	13.4	9.37	14.0	25.4	26.1	38.0	11.5	5.03	9.44	17.8	33.3	38.1	4
5	12.6	8.90	11.7	70.5	21.7	40.1	10.3	4.93	10.1	32.2	23.4	47.1	5
6	12.5	8.46	10.6	24.0	19.2	47.7	9.76	4.86	7.32	96.0	17.6	27.8	6
7	11.7	8.20	11.4	17.0	18.4	29.1	9.24	4.71	6.38	106	14.6	18.6	7
8	12.7	7.99	15.5	20.1	16.8	19.8	9.69	4.62	5.72	61.2	13.4	14.4	8
9	46.7	7.68	12.7	18.9	17.3	16.6	10.3	4.55	5.50A	31.2	13.1	20.2	9
10	23.7	7.36	11.6	17.9	16.8	19.4	9.66	4.59	5.00E	20.4	26.3	26.7	10
11	16.2	7.22	11.3	15.4	16.8	19.1	9.19	4.52	4.70E	15.4	181	17.6	11
12	13.5	8.45	11.0	13.6	15.5	17.9	8.63	4.32	4.50E	12.9	56.6	14.0	12
13	12.0	17.9	10.9	13.4	15.4	14.9	8.22	4.16	4.30E	11.1	52.6	12.3	13
14	11.1	75.7	11.5	12.9	14.9	13.6	8.02	4.18	4.20E	10.0	39.2	40.6	14
15	9.99	138	12.5	25.2	14.4	24.6	7.82	4.10	4.10E	9.26	42.3	23.9	15
16	9.27	138	11.6	44.3	13.0	35.8	7.72	4.03	4.00E	8.60	38.3	15.9	16
17	10.9	97.6	9.63	22.4	13.3	37.2	7.63	3.99	4.70E	8.12	26.6	13.4	17
18	85.2	72.0	8.95	16.8	15.7	42.7	7.64	3.86	11.2 E	7.93	21.5	18.9	18
19	190	171	8.48	17.2	16.8	38.5	7.56	3.79	18.3 E	7.64	31.2	96.7	19
20	88.5	71.2	8.09	18.2	15.4	45.9	7.27A	3.82	12.4 E	7.45	36.4	44.0	20
21	130	73.1	8.05	18.3	14.1	30.4	7.20E	3.81	20.0 E	7.19	56.2	23.0	21
22	103	46.7	13.8	81.2	13.6	30.8	6.99E	3.76	35.0 E	7.05	47.5	16.5	22
23	48.4	35.2	18.1	166	16.6	26.3	6.80E	3.77	22.0 E	6.66	35.1	13.7	23
24	30.8	28.4	15.2	52.7	24.4	19.0	6.60E	3.79	15.0 E	6.49	26.6	14.1	24
25	22.3	21.4	21.1	30.0	19.3	16.1	6.46A	4.59	9.50E	6.55	21.1	13.9	25
26	20.5	17.9	15.8	21.2	20.4	14.4	6.62	5.31	7.20E	7.06	17.0	13.0	26
27	19.5	15.7	12.5	28.9	16.2	13.3	6.47	8.92	19.4 E	72.2	14.1	11.6	27
28	16.0	16.1	18.5	48.6	14.2	12.8	6.15	14.5	34.4 A	49.6	12.5	10.1	28
29	13.9		19.1	32.3	15.3	15.7	5.95	7.67	25.8	25.7	17.1	9.32	29
30	12.6		18.5	46.6	16.2	14.9	5.74	6.76	203	130	23.6	8.66	30
31	11.6		35.4		15.4		5.58	8.69		277		8.13	31
TOTAL	1 062.16	1 140.63	435.40	971.6	616.0	777.7	258.21	161.38	567.09	1 254.10	1 179.5	756.41	TOTAL
MEAN	34.3	40.7	14.0	32.4	19.9	25.9	8.33	5.21	18.9	40.5	39.3	24.4	MEAN
MAX	190	171	35.4	166	52.1	50.8	13.0	14.5	203	277	181	96.7	MAX
MIN	9.27	7.22	8.05	12.9	13.0	12.8	5.58	3.76	4.00	6.49	12.5	8.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.2
MAXIMUM DAILY, 277 ON OCT 31
MINIMUM DAILY, 3.76 ON AUG 22
MAXIMUM INSTANTANEOUS,
560 AT 23:40 PST ON OCT 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 52 N
LONG 126 50 33 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	91 800	JUL	22 300
FEB	98 600	AUG	13 900
MAR	37 600	SEP	49 000
APR	83 900	OCT	108 000
MAY	53 200	NOV	102 000
JUN	67 200	DEC	65 400

TOTAL DISCHARGE, 793 000 dam³

KYMAGOTITZ RIVER NEAR TERRACE - STATION NO. 08EG011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.4	12.1	6.35	12.2	24.4	53.0	47.4	28.5	18.6 E	55.0E	16.1 E	10.5 E	1
2	11.9	10.7	6.39	11.7	21.4	46.7	49.5	27.0	17.9 A	24.0E	16.6 E	10.0 E	2
3	11.0	9.99	6.42	10.7	19.7	51.2	58.1	32.9	15.9	17.0E	21.0 E	9.70E	3
4	10.6	9.35	5.93	11.3	24.8	51.6	48.2	34.9	14.1	15.1E	18.4 E	9.40E	4
5	10.5	8.83	5.53	12.4	34.3	45.0	42.1	36.9	22.3	14.0E	34.8 E	8.90E	5
6	12.2	8.44	5.39	11.3	41.1	41.4	37.2	35.9A	36.0	15.6E	49.0 E	8.40E	6
7	12.5	8.16	5.62	10.6	41.1	38.4	33.4	36.0E	29.2	24.0E	30.5 E	8.00E	7
8	12.0	7.80	5.97	10.5	44.9	34.2	32.3	36.3E	32.6	21.0E	26.0 E	7.40E	8
9	13.6	7.27	6.04	9.67	38.8	32.6	33.0	36.8E	66.0	18.3E	56.5 E	8.50E	9
10	14.7	7.19	6.59	8.92	31.0	35.7	36.4	37.3A	61.0	15.9E	56.0 E	8.00E	10
11	15.3	7.05B	6.80	7.98	29.5	52.0	49.2	36.2	50.3	13.8E	156 E	7.30E	11
12	14.1	6.95B	6.67	7.13	30.9	49.5	57.3	31.5	25.7 A	12.4E	80.0 E	8.00E	12
13	17.3	6.90B	6.77	7.06	37.0	44.4	59.8	27.3	26.3 E	13.0E	43.0 E	14.0 E	13
14	17.6	9.00B	7.18	8.95	36.5	48.4	58.5	26.9	26.9 A	18.3E	31.0 E	24.0 E	14
15	16.2	14.2	9.22	9.32	45.7	49.0	59.4	28.2	26.3	27.0E	24.0 E	29.0 E	15
16	14.4	10.8	10.1	11.5	55.8	44.2	61.8	26.6	22.5	26.5E	18.9 E	35.5 E	16
17	13.5	10.6	8.87	10.5	49.8	38.8	68.3	24.7	24.4	18.5E	17.0 E	22.0 E	17
18	15.4	17.3	8.23	9.99	48.3	37.0	68.5	24.7	29.5	25.0E	15.4 E	10.0 E	18
19	55.2	16.4	7.95	10.4	57.7	44.5	67.6	24.8	20.9	18.5E	17.3 E	7.00E	19
20	35.9	14.6	8.00	12.8	68.2	46.5	56.6	23.2	16.5	14.9E	17.3 E	6.50E	20
21	54.3	17.1	8.14	14.6	63.5	41.9	48.7	25.0	13.7	12.7E	17.6 E	6.05E	21
22	64.1	18.6	8.33	17.9	54.3	39.2	44.1	28.1	14.2	10.9E	16.9 E	5.95E	22
23	49.0	13.1	8.42	20.3	56.0	40.5	42.0	20.2	12.9	10.4E	15.8 E	6.00E	23
24	33.8	10.3	8.47	18.4	71.0	40.4	48.6	28.8	11.0	14.6E	14.5 E	6.60E	24
25	26.7	8.59	12.3	15.5	113	42.6	51.8	43.6	9.77	17.0E	13.2 E	7.30E	25
26	21.8	7.71	11.8	13.7	76.8	44.1	52.8	36.9	8.92	13.2E	11.5 E	7.10E	26
27	18.6	7.15	13.6	16.2	58.7	42.8	46.0	27.6	8.80	12.6E	10.5 E	6.90E	27
28	16.2	6.71	20.4	15.8	54.5	43.2	40.3	23.8	9.52	12.2E	10.0 E	6.70E	28
29	14.2		16.8	16.5	63.0	53.3	38.3	19.3	9.65	11.4E	9.70E	6.50E	29
30	12.5		14.4	25.0	72.8	53.4	36.8	18.1	59.3	12.5E	9.60E	6.35E	30
31	11.6		13.5		61.9		33.7	19.3A		18.0E		6.20E	31
TOTAL	660.1	292.89	276.18	378.82	1 526.4	1 325.5	1 507.7	907.3	740.66	553.3	874.10	323.75	TOTAL
MEAN	21.3	10.5	8.91	12.6	49.2	44.2	48.6	29.3	24.7	17.8	29.1	10.4	MEAN
MAX	64.1	18.6	20.4	25.0	113	53.4	68.5	43.6	66.0	55.0	156	35.5	MAX
MIN	10.5	6.71	5.39	7.06	19.7	32.6	32.3	18.1	8.80	10.4	9.60	5.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.7
MAXIMUM DAILY, 156E ON NOV 11
MINIMUM DAILY, 5.39 ON MAR 6
MAXIMUM INSTANTANEOUS,
202 AT 12:23 PST ON NOV 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 07 N
LONG 128 43 40 W
DRAINAGE AREA, 376 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 000	JUL	130 000
FEB	25 300	AUG	78 400
MAR	23 900	SEP	64 000
APR	32 700	OCT	47 800
MAY	132 000	NOV	75 500
JUN	115 000	DEC	28 000

TOTAL DISCHARGE, 810 000 dam³

ZYMOETZ RIVER ABOVE O.K. CREEK - STATION NO. 08EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.0E	27.1	21.2	29.3	88.9	321	216	123	87.7	278	74.9	31.3	1
2	56.0E	30.2	20.6	30.2	86.2	277	233	111	111	126	68.8	30.9	2
3	47.0E	27.3	19.8	28.2	82.2	271	281	116	96.1	92.8	72.0	28.2	3
4	41.0E	25.1	18.1	26.9	84.0	254	249	128	79.7	76.4	67.3	26.2	4
5	36.5E	21.3	15.9	33.0	94.5	218	204	123	76.7	66.2	82.8	25.5	5
6	35.0E	19.4	15.9	32.4	121	205	171	130	113	58.5	114	24.3	6
7	35.8E	17.8	15.7	30.5	158	179	147	142	117	81.8	99.1	21.2	7
8	37.0E	17.0	15.0	29.6	181	156	134	160	112	99.8	91.7	19.1	8
9	37.8E	15.6	14.8	28.2	219	148	129	169	131	89.7	154	16.1	9
10	38.6E	15.2	15.1	26.8	179	157	132	166	142	79.5	150	15.6B	10
11	39.0E	15.8	14.5	24.5	160	206	157	155	163	70.9	175	15.1B	11
12	40.0E	19.0	14.2	20.7	165	218	213	143	129	62.4	222	14.6B	12
13	42.0E	19.7	14.3	20.5	179	220	238	122	93.9	62.9	154	14.1B	13
14	45.0E	19.9	14.5	19.8	205	238	248	115	78.2	77.5	122	13.8B	14
15	50.0E	31.0	14.6	20.1	281	246	249	119	78.8	94.6	104	13.5B	15
16	42.0E	33.1	15.1	23.1	310	210	249	115	75.9	120	91.2	13.2B	16
17	37.5E	26.9	14.6	25.6	298	183	260	108	71.1	94.5	79.6	13.0B	17
18	36.0E	32.9	13.5	23.8	274	173	275	106	86.9	100	71.6	12.7B	18
19	38.0E	34.6	13.4	23.0	296	185	289	107	79.7	101	66.1	12.4B	19
20	44.0A	32.1	13.0	25.4	341	190	273	101	61.4	76.3	61.9	12.2B	20
21	48.9	47.8	13.7	32.2	372	179	236	93.1	50.1	62.6	58.0	11.9B	21
22	64.8	68.3	14.3	35.9	347	175	196	99.0	47.5	54.5	54.1	11.7B	22
23	72.7	54.4	14.3	49.4	333	176	180	88.9	43.6	49.2	49.2	11.5B	23
24	63.9	42.6	13.9	63.6	375	196	180	106	36.6	64.6	45.4	11.2B	24
25	54.8	35.1	14.2	59.4	538	195	193	135	32.1	81.5	42.3	11.0B	25
26	48.9	30.3	14.5	51.2	489	196	218	149	28.4	79.8	35.4	10.8B	26
27	45.1	27.1	15.6	49.2	389	191	206	112	25.4	66.9	30.1	10.7B	27
28	40.1	23.8	31.5	57.5	333	186	172	98.4	23.9	59.8	34.9	10.6B	28
29	35.0		38.8	60.7	345	205	157	83.2	23.2	51.9	34.6	10.5B	29
30	29.9		32.7	68.4	390	223	152	72.6	64.2	48.5	32.1	10.4B	30
31	27.0		30.4		373		138	76.4		77.7		10.3B	31
TOTAL	1 381.3	810.4	547.7	1 049.1	8 086.8	6 177	6 375	3 672.6	2 359.1	2 605.8	2 538.1	493.6	TOTAL
MEAN	44.6	28.9	17.7	35.0	261	206	206	118	78.6	84.1	84.6	15.9	MEAN
MAX	72.7	68.3	38.8	68.4	538	321	289	169	163	278	222	31.3	MAX
MIN	27.0	15.2	13.0	19.8	82.2	148	129	72.6	23.2	48.5	30.1	10.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 98.9
MAXIMUM DAILY, 538 ON MAY 25
MINIMUM DAILY, 10.3B ON DEC 31
MAXIMUM INSTANTANEOUS,
638 AT 17:21 PST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 29 00 N
LONG 128 19 50 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	119 000	JUL	551 000
FEB	70 000	AUG	317 000
MAR	47 300	SEP	204 000
APR	90 600	OCT	225 000
MAY	699 000	NOV	219 000
JUN	534 000	DEC	42 600

TOTAL DISCHARGE, 3 120 000 dam³

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ADAMS LAKE NEAR SQUILAX.	08LD003	1
ADAMS RIVER NEAR SQUILAX	08LD001	1
AKIE RIVER NEAR THE 760 m CONTOUR.	07EA007	2
ALBERT RIVER AT 1310 m CONTOUR	08NF005	2
ALLISON CREEK ABOVE SUMMERS CREEK.	08NL056	3
ALLISON CREEK AT OUTLET OF ALLISON LAKE.	08NL057	3
ALLISON CREEK NEAR PRINCETON	08NL012	4
ALLISON LAKE NEAR PRINCETON.	08NL058	4
ALOUETTE RIVER NEAR HANEY.	08MH005	5
AMBUSTEN CREEK NEAR THE MOUTH.	08LF081	5
ANDERSON CREEK ABOVE DIVERSIONS.	08LF084	6
ANDERSON CREEK AT THE MOUTH.	08MH104	6
ANDERSON CREEK NEAR NELSON	08NJ130	7
ANDERSON RIVER NEAR BOSTON BAR	08MF001	7
ANNORE CREEK NEAR THE MOUTH.	08GA068	8
ARGENTA CREEK NEAR ARGENTA	08NH051	8
ARROW CREEK NEAR ERICKSON.	08NH084	9
ARROW RESERVOIR AT FAUQUIER.	08NE102	9
ARROW RESERVOIR AT HUGH KEENLEYSIDE DAM.	08NE103	10
ARROW RESERVOIR AT NAKUSP.	08NE104	10
ASH RIVER BELOW MORAN CREEK.	08HB023	11
ASHNOLA RIVER NEAR KEREMEOS.	08NL004	11
ATLIN LAKE AT ATLIN.	09AA001	12
ATLIN RIVER NEAR ATLIN	09AA006	12
ATNARKO RIVER NEAR THE MOUTH	08FB006	13
AVERILL CREEK NEAR DUNCAN.	08HA015	13
B.X. CREEK ABOVE VERNON INTAKE	08NM020	14
BABINE LAKE AT TOPLEY LANDING.	08EC003	14
BABINE RIVER AT BABINE	08EC001	15
BABINE RIVER AT OUTLET OF NILKITKWA LAKE	08EC013	15
BAEZAEKO RIVER AT LOT 10262.	08KG003	16
BAKER CREEK AT QUESNEL	08KE016	16
BARNES CREEK NEAR NEEDLES.	08NE077	17
BARRIERE RIVER AT THE MOUTH.	08LB020	17
BARRIERE RIVER BELOW SPRAGUE CREEK	08LB069	18
BEAR RIVER ABOVE BITTER CREEK.	08DC006	18
BEATON CREEK NEAR BEATON	08NE008	19
BEATTON RIVER NEAR FORT ST. JOHN	07FC001	19
BEAVER CREEK NEAR ALBERNI.	08HB036	20
BEAVERDELL CREEK NEAR BEAVERDELL	08NN027	20
BELGO CREEK BELOW HILDA CREEK.	08NM232	21
BELGO CREEK NEAR THE MOUTH	08NN225	21
BELLA COOLA RIVER ABOVE BURNT BRIDGE CREEK	08FB007	22
BELLEVUE CREEK NEAR OKANAGAN MISSION	08NM035	22
BESSETTE CREEK ABOVE BEAVERJACK CREEK.	08LC039	23
BESSETTE CREEK ABOVE LUMBY LAGOON OUTFALL.	08LC042	23
BESSETTE CREEK NEAR LUMBY.	08LC005	24
BETHSAIDA CREEK ABOVE HIGHLAND VALLEY ROAD	08LG055	24
BIG CREEK ABOVE GROUNDHOG CREEK.	08MB006	25
BIG CREEK BELOW GRAVEYARD CREEK.	08MB007	25
BIG SHEEP CREEK NEAR ROSSLAND.	08NE039	26
BINGS CREEK (WEST BRANCH) NEAR DUNCAN.	08HA042	26
BINGS CREEK AT DRINKWATER ROAD	08HA043	27
BINGS CREEK NEAR THE MOUTH	08HA016	27
BLACK CREEK AT STURGESS ROAD	08HD014	28
BLACK MOUNTAIN IRRIGATION DIVERSION NEAR KELOWNA	08NM019	28
BLACKHILL CREEK NEAR PAVILION.	08MD029	29
BLAEBERRY RIVER ABOVE WILLOWBANK CREEK	08NB012	29
BLAEBERRY RIVER BELOW ENSIGN CREEK	08NB015	30
BLUE RIVER NEAR THE MOUTH.	10AC004	30
BLUEBERRY RIVER BELOW AITKEN CREEK	07FC003	31
BOLEAN CREEK NEAR THE MOUTH.	08LE094	31
BONAPARTE RIVER BELOW CACHE CREEK.	08LF002	32
BONAPARTE RIVER NEAR BRIDGE LAKE	08LF062	32
BONE CREEK NEAR BLUE RIVER	08LB077	33
BOUGIE CREEK AT KILOMETRE 368 ALASKA HIGHWAY	10CD004	33
BOUNDARY CREEK NEAR PORTHILL	08NH032	34
BOWER CREEK NEAR THE MOUTH	08NA067	34
BOWRON LAKE NEAR WELLS	08KD005	35
BOWRON RIVER BELOW BOX CANYON.	08KD007	35
BOWRON RIVER NEAR WELLS.	08KD001	36
BOWSER RIVER BELOW BETTY CREEK	08DA008	36
BRIDGE CREEK AT OUTLET OF HORSE LAKE	08LA020	37
BRIDGE CREEK NEAR 100 MILE HOUSE	08LA005	37
BRIDGE RIVER (SOUTH BRANCH) BELOW BRIDGE GLACIER	08ME023	38
BROUSE CREEK ABOVE DIVERSIONS.	08NE021	38
BUCK CREEK AT THE MOUTH.	08EE013	39
BULKLEY RIVER AT QUICK	08EE004	39
BULKLEY RIVER NEAR HOUSTON	08EE003	40
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CAMP RUN CREEK NEAR CANYON	08NH009	43
CANOE RIVER BELOW KIMMEL CREEK	08NC004	44
CANYON CREEK NEAR SMITHERS	08EE014	44
CAPILANO RIVER ABOVE INTAKE.	08GA010	45
CARIBOO RIVER BELOW KANGAROO CREEK	08KH003	45
CARNATION CREEK AT 150 m CONTOUR	08HB069	46
CARNATION CREEK AT THE MOUTH	08HB048	46
CARNEY CREEK BELOW PAMBRUN CREEK	08NM131	47
CAVEN CREEK BELOW BLOOM CREEK.	08NG078	47
CAYOOSH CREEK NEAR LILLOOET.	08ME002	48
CHAPMAN CREEK ABOVE SECHELT DIVERSION	08GA060	48
CHEAKAMUS RIVER NEAR BRACKENDALE	08GA043	49
CHEHALIS RIVER NEAR HARRISON MILLS	08MG001	49
CHEMAINUS RIVER NEAR WESTHOLME	08HA001	50
CHERRY CREEK BELOW PENDLETON CREEK	08LF086	50
CHESLATTA LAKE AT WEST END	08JA018	51
CHICADEE LAKE ON DENMAN ISLAND	08HB057	51
CHILCOTIN RIVER BELOW BIG CREEK.	08MB005	52
CHILKO RIVER AT OUTLET OF CHILKO LAKE.	08MA002	52
CHILKO RIVER NEAR REDSTONE	08MA001	53
CHILLIWACK RIVER ABOVE SLESSE CREEK.	08MH103	53
CHILLIWACK RIVER AT OUTLET OF CHILLIWACK LAKE.	08MH016	54
CHILLIWACK RIVER AT VEDDER CROSSING.	08MH001	54
CHUCHINKA CREEK NEAR THE MOUTH	07EE009	55
CLARK CREEK NEAR WINFIELD.	08NM146	55
CLAYTON FALLS CREEK NEAR THE MOUTH	08FB009	56
CLEARWATER LAKE NEAR CLEARWATER STATION.	08LA012	56
CLEARWATER RIVER AT OUTLET OF CLEARWATER LAKE.	08LA007	57
CLEARWATER RIVER AT OUTLET OF HOBSON LAKE.	08LA013	57
CLEARWATER RIVER NEAR CLEARWATER STATION	08LA001	58
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COLUMBIA RIVER ABOVE NAGLE CREEK	08ND007	62
COLUMBIA RIVER ABOVE STEAMBOAT RAPIDS	08ND011	62
COLUMBIA RIVER AT ATHALMER	08NA004	63
COLUMBIA RIVER AT BIRCHBANK	08NE049	63
COLUMBIA RIVER AT CASTLEGAR	08NE002	64
COLUMBIA RIVER AT DONALD	08NB005	64
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COULDREY CREEK IN LOT 9380	08NP002	70
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COWICHAN RIVER AT LAKE COWICHAN	08HA002	71
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FRASER RIVER ABOVE TEXAS CREEK	08MF040	99
FRASER RIVER AT HANSARD	08KA004	100
FRASER RIVER AT HOPE	08MF005	100
FRASER RIVER AT MCBRIDE	08KA005	101
FRASER RIVER AT MISSION	08MH024	101
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